

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

**10424 Wilson Boulevard
Richland County
South Carolina 29016**

Project Number: PJ22040

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And

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1.0 SUMMARY

Hanley Environmental, PLLC was contracted by Pedcor Investments, A Limited Liability Company (the Client) to perform a Phase I Environmental Site Assessment (ESA) of property located at 10424 Wilson Boulevard, Richland County, South Carolina 29016 (subject property). This section presents a summary of Phase I ESA Findings. This summary is provided for convenience, and should not be relied upon without the context provided by the full contents of this report.

The subject property encompassed approximately 22.8 acres of vacant, wooded land. Site improvements on the subject property at the time of site reconnaissance included fencing along the northern property boundary and a portion of the eastern property boundary. Electrical transmission lines were located along the western property boundary.

The purpose of this Phase I ESA was to identify recognized environmental conditions in connection with the subject property pursuant to ASTM International (ASTM) Standard E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. This assessment has revealed the following controlled recognized environmental condition in connection with the subject property:

- Controlled recognized environmental condition #1: A 1992 leaking underground storage tank (LUST) incident associated with the Mini Mart fueling station located approximately 500 feet north-northwest of the subject property resulted in a dissolved phase groundwater plume of petroleum-related compounds extending away from the facility toward the subject property. A Limited Phase II Environmental Site Assessment performed in early 2023 included collection of groundwater and soil gas samples from the northern portion of the subject property to evaluate whether impacts from the Mini Mart incident had impacted the subject property. Analytical results indicated the presence of tetrachloroethylene, toluene, methyl tert-butyl ether (MTBE), and acetone at

concentrations above laboratory method detection limits in groundwater samples collected at the subject property. Several volatile constituents were also detected in soil gas samples collected at the subject property at concentrations above applicable screening levels. The report concluded that constituents associated with the Mini Mart LUST release had likely migrated onto the subject property. Additional environmental investigation activities were conducted in October/November 2023. Groundwater analytical results indicated the presence of 1,4-dioxane and 2,4,6-tribromophenol at concentrations above United States Environmental Protection Agency (US EPA) Maximum Contaminant Levels (MCLs)/EPA Tapwater Regional Screening Levels (RSLs). Soil gas results indicated chloroform in soil gas at concentrations above the EPA Target Sub-slab Near-Source Soil Gas Vapor Intrusion Screening Levels (VISLs). Several other compounds were detected in each soil gas sample at concentrations below Target VISLs. The identified impacts at the subject property are considered a recognized environmental condition.

A Voluntary Cleanup Contract (VCC) between the South Carolina Department of Health and Environmental Control (SC DHEC) and Pedcor Investments-2023-CXCII, L.P. (Pedcor) related to the subject property was executed on October 3, 2023. The VCC indicated that Pedcor will acquire and intends to develop the property with low-income housing. The VCC calls for implementation of engineering and/or institutional controls including recordation of a Declaration of Covenants and Restrictions related to environmental impacts for the property. Pedcor entered into a Declaration of Covenants and Restrictions related to environmental land use restrictions, recorded June 7, 2024, by the Richland County Register of Deeds. SC DHEC issued a Provisional Certificate of Completion dated June 17, 2024, which indicated that liability protections addressed by the VCC were in effect, conditional upon completion of remaining obligations. Remaining obligations included installation of vapor intrusion mitigation systems, and preparation of a

Stewardship Plan for maintenance of the vapor intrusion mitigation systems. Based on the known presence of environmental contamination and the current status of recorded institutional controls to the satisfaction of SC DHEC, this finding is considered a controlled recognized environmental condition.

Additional scope services outside of ASTM E1527-21 are included as part of this assessment (Section 8.0), which included evaluation of specific factors required as part of the environmental review process under the US Department of Housing and Urban Development (HUD) Multifamily Accelerated Processing (MAP) Guide.

Pursuant to ASTM E1527-21, recommendations (e.g., for additional assessment or considerations to address business environmental risks) are not required to be included in this report. Hanley Environmental can provide such recommendations to the User upon request.

2.0 INTRODUCTION

2.1 Subject Property Location

The subject property was located on one parcel (Parcel Number R15000-05-04) with address 10424 Wilson Blvd, Richland County, South Carolina. The subject property location is depicted on **Figure 1**, and site features are displayed on an aerial image on **Figure 2**. An ALTA/NSPS Land Title Survey of the subject property prepared by Atlas Surveying, Inc. dated January 10, 2023, was provided to Hanley Environmental by the Client, which was used to confirm property boundaries shown on figures.

Observations of the subject property, adjoining properties, and the vicinity were performed during site reconnaissance on April 24, 2025, as described in Section 5.0. Observations of adjoining properties are described in Section 2.4. Reconnaissance was performed on foot and/or using a vehicle and included a reasonable observation of the property and structures, the periphery of the property, and the interiors of structures.

2.2 Subject Property Uses

The subject property was unoccupied, vacant land.

2.3 Subject Property Structures, Roads, and Other Improvements

The subject property encompassed approximately 22.8 acres of vacant, wooded land. Site improvements on the subject property at the time of site reconnaissance included fencing along the northern property boundary and a portion of the eastern property boundary. Fencing that bounds the southeast truck parking area is located approximately 50 feet south of the subject property boundary. Electrical transmission lines were located along the western property boundary.

2.4 Description of Adjoining Property Uses

Observations of uses of adjoining properties are discussed below and categorized based on direction relative to the subject property. Historical uses of adjoining properties are discussed in Section 4.4.

Direction	Observed Uses
North	Truck parking lot (Rockfish).
East	Fitness center (Redzone Elite Sports Fitness Training), HVAC contractor office (Mountain Air Heating and Cooling), automotive body shop (Caliber Collision), vacant and wooded land.
South	Vacant land to the southwest and truck parking to the southeast of the subject property. A nursery (Reese's Plants) was present beyond the vacant land to the south.
West	Wilson Boulevard with residential use beyond.

Adjoining properties were not identified in standard environmental record sources reviewed (see Section 4.1). While observed uses of some adjoining properties have the potential for the use or releases of hazardous materials or petroleum products (e.g., HVAC contractor office, automotive body shop, truck and construction equipment parking), observations during site reconnaissance and other information obtained did not indicate a high likelihood of releases with the potential to impact the subject property. Observations of and

information reviewed relating to adjoining properties did not identify recognized environmental conditions in connection with the subject property.

2.5 Contractual Information

2.5.1 Phase I ESA Purpose

The purpose of this Phase I ESA was to identify recognized environmental conditions in connection with the subject property pursuant to ASTM Standard E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. This report is intended to satisfy requirements of the E1527-21 standards as meeting the requirements of All Appropriate Inquiries. Definitions of terms from ASTM E1527-21 that may be used in this report are summarized below.

- A recognized environmental condition is: (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.
- A controlled recognized environmental condition is a type of recognized environmental condition 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 (for example, activity and use limitations, institutional controls, or engineering controls).
- A historical recognized environmental condition is 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 (for example, activity and use limitations, institutional controls, or engineering controls).

- A *de minimis* condition generally does not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. *De minimis* conditions, as defined in ASTM E1527-21, are not considered recognized environmental conditions.

Findings including features, activities, uses, and conditions that may indicate recognized environmental conditions, controlled recognized environmental conditions, historical recognized environmental conditions, and *de minimis* conditions are identified in Section 7.0 of this report, along with the environmental professional's opinion of the impact of the condition on the property.

As dictated by ASTM E1527-21, this environmental site assessment is considered valid and can be relied upon by the Client/User if certain assessment components were completed less than 180 days prior to the date of property acquisition (for transactions involving an acquisition). A summary of completion dates is listed below.

Phase I ESA Component	Earliest Date Completed
Interviews	4/22/2025
Searches for environmental cleanup liens	5/6/2025
Review of governmental records	4/25/2025
Site reconnaissance	4/24/2025
Environmental Professional Declaration	5/6/2025

Accordingly, this report can be presumed to be valid for a property transaction where acquisition occurs within 180 days of April 22, 2025.

Hanley Environmental understands that this assessment was requested prior to the proposed the application for tax credits to the South Carolina State Housing Finance & Development Authority, and with the intent of meeting the standard of All Appropriate

Inquiries into the previous ownership and uses of the property consistent with good commercial and customary practice in order to satisfy requirements for certain liability protections under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

2.5.2 Scope of Work

The scope of work was performed in general accordance with ASTM E1527-21 and Client-specified requirements. Data gaps and deviations from ASTM E1527-21 are described in Section 7.3. Work was conducted pursuant to Hanley Environmental's proposal number PROP25053 dated April 21, 2025, and the terms and conditions contained within the proposal.

As defined in ASTM E1527-21, the User is the party seeking to use ASTM E1527-21 to complete an ESA of the subject property. This assessment was prepared for the use and benefit of Pedcor Investments-2023-CXCIII, L.P.; Merchants Capital Corp.; Stearns Bank National Association; and South Carolina State Housing Finance & Development Authority as well as their successors and assigns and the lending institution in connection with a secured financing of the subject property. The assessment was performed subject to the terms and conditions agreed upon between Hanley Environmental and the Client. The Client and Hanley Environmental were solely responsible for forming the scope of work. Accordingly, reliance on this report by any other party may involve assumptions leading to unintended interpretation of findings and opinions. Reliance by parties other than those listed above on the contents of this report is not guaranteed and shall be at the sole risk of that party. Hanley Environmental may offer reliance to third parties with the consent of the Client and for a fee, subject to mutually agreeable terms and conditions. The User has specific obligations for completing a successful application of ASTM E1527-21 which are outlined in the Standard.

2.5.3 Limiting Conditions, Exceptions, Significant Assumptions, and Special Terms and Conditions

The findings and opinions presented in this report are based on information obtained during performance of the Phase I ESA and Hanley Environmental's professional experience, and reflect conditions at the time of performance. These findings and opinions should not be relied upon to represent conditions in the future.

Although this assessment has attempted to identify recognized environmental conditions in connection with the subject property, this work is subject to uncertainty, and Hanley Environmental cannot warrant that the subject property contains no hazardous substances or petroleum products or other potential environmental risks. Conditions may not have been identified due to the limited scope of this assessment, the inaccuracy of information reviewed, undetected or unreported environmental incidents, conditions or areas that were inaccessible or could not be viewed, or concealment of information by others.

Hanley Environmental's professional services were performed with the care and skill ordinarily used by members of the same profession currently practicing under similar circumstances in the state and locality of the project. This environmental assessment was not exhaustive, and the scope and limitations of the work should be considered by the User when developing opinions related to risks associated with the subject property. Uncertainty may be reduced through additional research or assessment, which Hanley Environmental may provide upon request.

The following significant assumptions have been made in performance of this Phase I ESA:

- Hanley Environmental considered information obtained from the Client, the Client's representative(s), prospective developer, individuals interviewed, and environmental reports and can neither warrant nor guarantee the comprehensiveness or accuracy of the information obtained.
- Conditions observed were considered to be representative of areas that were not observed, unless indicated otherwise.

- Hanley Environmental's findings are based on the locations of boundaries of the subject property as evident from visual observations in the field using maps or plats provided by the Client, prospective developer or another source as described in Section 2.1.

3.0 USER PROVIDED INFORMATION

As required by ASTM E1527-21, Hanley Environmental requested certain information from the User of this Phase I ESA in a User Questionnaire to assist in identifying recognized environmental conditions. A User Questionnaire (**Appendix A**) was completed by Pedcor Investments, A Limited Liability Company.

- The User or its representative indicated that the reason for performing the Phase I ESA was related to the User applying for tax credits to the South Carolina State Housing Finance & Development Authority.
- The User or its representative indicated that they were not aware of environmental liens, deed restrictions, engineering or institutional controls, or other activity and use limitations associated with the subject property. Environmental lien/AUL searches on the property performed during previous Phase I ESAs at the subject property did not identify environmental liens or activity and use limitations. Hanley Environmental accessed the Richland County Premier Online Data Services Subscription Management System on May 6, 2025, to cover the period since the previous May 20, 2024, environmental lien search. The May 6, 2025, search identified the Declaration of Covenants and Restrictions related to environmental land use restrictions, recorded June 7, 2024, by the Richland County Register of Deeds. The Declaration includes land use restrictions in accordance with the VCC which provide required institutional and/or engineering controls to allow for safe property redevelopment. The Declaration of Covenants and Restrictions is included in **Appendix B**.
- The User or its representative indicated that they did not have specialized knowledge of the subject property.

- The User or its representative indicated that the purchase price of the property was equal to market value.
- The User or its representative indicated that they were aware of commonly known or reasonable ascertainable information about the subject property that would help to identify recognized environmental conditions, or of obvious indicators that point to the presence or likely presence of releases at the subject property. Previous Phase I ESA and Phase II ESA reports were referenced (Discussed in Section 4.5).

Excerpts from documents provided by the User, its representatives, or other sources are included in **Appendix B**. These documents are listed in Section 9.0.

The User identified the subject property owners as Pedcor Investments-2023-CXCIII, L.P., and provided Hanley Environmental with contact information for Mr. Michael S. Bryon, who was identified as the individual representing the subject property owner, to obtain information to support the Phase I ESA. Mr. Bryon was identified as a key site manager. Interview information from the key site manager is presented in Section 6.0.

4.0 RECORDS REVIEW

Review of environmental, physical setting, and historical use records was performed for the subject property and surrounding areas pursuant to the requirements of ASTM E1527-21.

4.1 Standard Environmental Record Sources

Standard federal, state, and tribal environmental record sources were reviewed for the subject property and approximate minimum search distances as specified in ASTM E1527-21. Regulatory listings included only those facilities or incidents that were known to the regulatory agencies at the time of publication. Records were obtained from a third-party database search provider, Environmental Risk Information Services, who is responsible for the accuracy and completeness of its records. The complete database report is included in **Appendix C** and findings are summarized below.

Standard Environmental Record Source	Approximate Minimum Search Distance (miles)	Total Properties Identified
Federal National Priorities List (NPL) site list	1.0	0
Federal Delisted NPL site list	0.5	0
Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list	0.5	0
Federal CERCLIS No Further Remedial Action Planned (NFRAP) site list	0.5	0
Federal Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS) facilities list	1.0	0
Federal RCRA non-CORRACTS Treatment, Storage, Disposal (TSD) facilities list	0.5	0
Federal RCRA generators list	Subject property and adjoining properties only	0
Federal institutional control/engineering control registries	Subject property only	0
Federal Emergency Response Notification System (ERNS) list	Subject property only	0
State and tribal lists of hazardous waste sites identified for investigation or remediation state- and tribal-equivalent NPL	1.0	0
State and tribal lists of hazardous waste sites identified for investigation or remediation state- and tribal-equivalent CERCLIS	0.5	0
State and tribal landfill and/or solid waste disposal sites list	0.5	0
State and tribal leaking storage tank lists	0.5	8
State and tribal registered storage tank lists	Subject property and adjoining properties property only	0
State and tribal institutional control/engineering control registries	Subject property only	0
State and tribal voluntary cleanup sites	0.5	0
State and tribal Brownfields sites	0.5	0

Hanley Environmental reviewed the database report and identified the following information pertaining to the subject property, off-property sites, and unmappable properties.

- The subject property was not listed in the Database Report.
- Three off-property sites listed in the Database Report are considered significant and warrant further discussion based on the type of database listing, proximity to the subject property, apparent hydrological relationship to the subject property, information in the database report, or observations of the facility during reconnaissance.
 - Mini Mart/Spivey's Service Station located at 10447 Wilson Boulevard was located approximately 500 feet north-northwest of the subject property, across Wilson Boulevard and at a similar topographic elevation to the subject property. The facility was listed on the state LUST database and underground storage tank (UST) database. This facility was observed to be operating as an active fueling station and automotive repair facility at the time of site reconnaissance. Information in the database report indicated that a release of petroleum was reported on January 10, 1992, with corrective actions ongoing. Water supply wells were reported less than 1,000 feet downgrade. Hanley Environmental reviewed documents related to this incident included in a previous Phase I ESA for the subject property. Hanley Environmental also inquired with the SC DHEC incident project manager whether more recent information related to this incident was available. As of the date of this report, no response was received from SC DHEC.

A Corrective Action System Evaluation Report #16 dated July 11, 2022, was prepared by Midlands Environmental Consultants, Inc. The report indicated that a release of petroleum product was reported in January of 1992. Groundwater assessment activities identified free phase petroleum in the vicinity of the facility and a dissolved phase groundwater plume extending away from the facility. The groundwater flow direction in the intermediate

aquifer zone was to the east and southeast, toward the subject property. Four groundwater monitoring wells were historically present to within approximately 50 feet of the northern subject property boundary. Concentrations of benzene, toluene, ethylbenzene, xylenes, naphthalene, and MTBE were historically detected in these wells. Two of the four wells (MW-38i and DW-4) still existed in 2022 and did not have detections of analyzed constituents in the most recently reported (July 2021) sampling event.

A Limited Phase II Environmental Site Assessment Report dated February 2, 2023, prepared by Hanley Environmental included collection of groundwater and soil gas samples from the northern portion subject property to evaluate whether impacts from the Mini Mart incident had impacted the subject property. This report is summarized in Section 4.5. Analytical results indicated the presence of tetrachloroethylene, toluene, MTBE, and acetone at concentrations above laboratory method detection limits in groundwater samples collected at the subject property. Several volatile constituents were also detected in soil gas samples collected at the subject property at concentrations above applicable screening levels. The report concluded constituents associated with the Mini Mart LUST release had likely migrated onto the subject property. The presence of tetrachloroethylene could indicate that another source may have also contributed to groundwater impacts, as this chlorinated solvent was unlikely to have been associated with the LUST incident. The identified impacts at the subject property are considered a recognized environmental condition. Implementation of institutional and/or engineering controls under a VCC between SC DHEC and Pedcor (discussed in Section 4.5) result in this finding being considered a controlled recognized environmental condition.

- Sharpe Shoppe IV located at 10400 Wilson Boulevard was located approximately 600 feet south-southwest of the subject property and at a

slightly lower topographic elevation than the subject property. The facility was listed on the state LUST and UST databases. Information in the database indicated that a release was reported January 27, 2009, cleanup was initiated and completed January 29, 2009, and the incident was given no-further-action status on the same day. File review information from the November 2022 Phase I ESA of the subject property indicated that, "...the incident was limited to a spill containment bucket of the Super gasoline tank. The impacted soil was analyzed and not found to contain petroleum hydrocarbon chemicals of concern at or above the regulatory screening levels. Therefore, DHEC issued a "No Further Action" letter for the LUST." Based on the distance to the subject property, likely downgradient location relative to the subject property, and regulatory status, this incident is not considered a recognized environmental condition.

- Pitt Stop 3 located at 10328 Wilson Boulevard was located approximately 1,500 feet south-southwest of the subject property and at a lower elevation than the subject property. The facility was listed on the state LUST database. Information in the database indicated that three releases were reported at this facility on June 25, 2009, September 9, 2010, and September 22, 2021. No-further-action status was given to the 2009 release incident on June 25, 2009, and the 2021 release incident on September 30, 2021. Investigation/risk assessment was being conducted related to the 2010 incident. File review information from the November 2022 Phase I ESA of the subject property indicated that, "The groundwater gradient at the Pitt Stop 3 site reportedly flows in a southwest direction, away from the Subject Property." Based on the distance from the subject property and reported groundwater flow direction, this facility is not considered a recognized environmental condition.
- Although it was not located within minimum search distances and was not an adjoining property, the Owens Corning facility at 1051 Jenkins Brothers Road, located

approximately 200 feet southeast of the subject property, was reviewed due to its potential significance to this assessment. This facility was first developed between 1971 and 1983. The facility reportedly produced insulation, roofing, and fiberglass composites. The facility was listed in the RCRA Very Small Quantity Generator database. The facility was previously listed as a large quantity generator at various times. Compliance violations were noted in 1989, 1992, 1995, and 2003. The facility was also included on the Air Permit, Hazardous Materials Information Reporting System (HMIRS), Toxic Substances Control Act (TSCA), and Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors databases. Information reviewed related to this facility did not indicate releases had occurred with the potential to impact the subject property. Based on the distance from the subject property, presumed groundwater flow direction, and regulatory status, this facility is not considered a recognized environmental condition.

- Six other listings of standard environmental record sources were identified in the database report within the approximate minimum search distances. Based on distances from the subject property, area topography or inferred groundwater flow direction, regulatory status, and/or lack of reported release incidents or facility violations, the likelihood of impacts to the subject property associated with these listings is considered be low.
- The database report listed several “unplottable” sites that could not be mapped due to inadequate location information. Hanley Environmental reviewed the list of unplottable sites. Based on limited information in the database report, the unplottable sites do not appear to be in the immediate vicinity of the subject property or have received regulatory closure and/or are considered to have a low likelihood of impacting the subject property.

4.2 Additional Environmental Record Sources

Hanley Environmental typically performs review of additional environmental record sources to supplement information in the standard environmental record sources when such additional records were considered to be reasonably ascertainable, sufficiently useful, accurate, and complete in consideration of the objective of the records review. Additional records from historical reports related to the Mini Mart facility, Sharpe Shoppe IV facility, and Pitt Stop 3 facility were reviewed as discussed above. An inquiry for more recent documents related to the Mini Mart facility was submitted to SC DHEC, and as of the date of this report, no response was received from SC DHEC. Available information related to the Mini Mart facility is considered sufficient to establish that subject property impacts related to the facility represent a controlled recognized environmental condition.

4.3 Physical Setting Sources

Physical setting sources (listed in Section 9.0) were reviewed to provide information about the physical characteristics of the subject property. Historical research documentation is included in **Appendix D**.

Based on the topographic maps reviewed, the subject property was generally flat and sloped gently to the southwest toward a drainage ditch near the southwestern portion of the subject property. The drainage ditch led off-property into a culvert extending to the west beneath Wilson Boulevard. A 2023 Phase I ESA Report noted that flagging marked "Wetlands" was identified on the subject property near the drainage ditch. The scope or purpose of a possible wetland delineation associated with the flagging was unknown, and only one flag was observed. Data from US Fish & Wildlife did not indicate the presence of wetlands or waterbodies on the subject property. The subject property had an elevation of approximately 450 feet above sea level. Observations of the site topography generally corresponded with information reviewed on topographic maps, although topographic maps reviewed did not indicate the presence of wetlands or the drainage ditch.

According to sources reviewed, the subject property was located in the Upper Cretaceous unit of the Coastal Plain Physiographic Province of South Carolina. The Upper Cretaceous is characterized by mostly micaceous, kaolinitic sands, with lenses of clay of variable thickness. Sands are mostly coarse sand to granule size, angular to subangular and poorly sorted, although some fine-grained, fairly well-sorted sand does occur. The sediments represent fluvial or upper delta-plain environments. The Coastal Plain aquifers are recharged primarily by precipitation in their outcrop areas. Groundwater flows from the outcrop areas of recharge, through the aquifers, and discharges to upper Coastal Plain rivers, overlying aquifers as upward leakage, and water supply wells.

The ERIS Physical Setting Report identified five groundwater wells within one mile of the subject property. One water supply well was present at the Mini Mart facility, located northwest of the subject property. Several groundwater monitoring wells were present near the subject property boundary associated with the Mini Mart LUST incident. A well survey was completed by Hanley Environmental in October 2023 as part of an environmental investigation. The well survey included a pedestrian and windshield survey and a desktop review of information, including records provided by SC DHEC. Hanley Environmental identified two nearby properties that had the potential to use private water supply wells, and SC DHEC records indicated water supply well permits for eight properties within ½ mile of the subject property boundary.

Temporary groundwater monitoring wells were installed and subsequently abandoned at the subject property during assessment activities in February and October 2023. The potentiometric surface was measured at a range of approximately 12 to 21 feet below ground surface. Based on measured groundwater depths and surveyed monitoring well elevations during the October 2023 assessment activities, the groundwater gradient appeared to slope gently to the east and west from the center of the subject property. No groundwater supply wells were observed or reported on the subject property.

4.4 Historical Use Information

Historical sources (listed in Section 9.0) were reviewed to develop a history of the previous uses of the subject property and surrounding area in order to help identify the likelihood of past uses having led to recognized environmental conditions. Historical information sources reviewed included aerial photographs, topographic maps, city directories, regulatory files, and previous reports on the subject property. No fire insurance maps for the subject property were identified. Findings from this review are summarized in the table below.

Location (Current Use)	Prior Uses	Comments
Subject property (vacant)	The subject property was undeveloped and vacant dating back to at least 1935. Historical aerial photographs indicate that the site was primarily unwooded with sparse trees from at least 1938 to 1964, and became primarily wooded after that time. Historical sources did not indicate historical agricultural use, however, uses prior to 1935 are uncertain.	Information reviewed did not indicate recognized environmental conditions in connection with the subject property.
Northern adjacent properties (truck parking)	Scott Ridge Ln was present dating back to at least 1935, with surrounding areas undeveloped through 2009. An area northeast of the subject property was cleared and developed with several apparent buildings in the early 2010's. Truck parking was apparent in the northeastern area beginning around 2015. The remainder of the north-adjacent property was developed for truck parking by 2017. Apparent uses remained similar to those observed today after that time.	Observed uses of some adjoining properties have the potential for the use or release of hazardous materials or petroleum products (truck parking). Observations during site reconnaissance and other information obtained did not indicate a high likelihood of releases with the potential to impact the subject property. Information reviewed did not indicate recognized environmental conditions in connection with the subject property.

Location (Current Use)	Prior Uses	Comments
Eastern adjacent properties (Fitness center, HVAC contractor office, automotive body shop, vacant and wooded land)	Apparent agricultural use dating from at least 1938 until prior to 1951. Vacant and partially wooded from 1951 until the 2000's. The current fitness center development was first apparent in a 2005 aerial photograph. The current automotive body shop development was first apparent in a 2009 aerial photograph. The current HVAC contractor office development was first apparent in a 2019 aerial photograph.	Observed uses of some adjoining properties have the potential for the use or releases of hazardous materials or petroleum products (HVAC contractor office, automotive body shop). Observations during site reconnaissance and other information obtained did not indicate a high likelihood of releases with the potential to impact the subject property. Information reviewed did not indicate recognized environmental conditions in connection with the subject property.

<p>Southern adjacent properties (vacant land, truck parking, construction equipment parking)</p>	<p>Apparent agricultural use dating from at least 1938 until prior to 1961. A single family residential-sized structure was first apparent in a 1961 aerial photograph, and had been demolished between 1994 and 2005. The eastern portion of the south-adjacent property was cleared between 1994 and 2005. Reese's Plants was developed between 2006 and 2009. Apparent uses remained similar to those observed today after that time. Construction equipment parking is not apparent in aerial imagery including from 2023, suggesting that equipment storage may have been temporary. The truck parking area adjacent to the southeastern subject property boundary was under construction in the 2023 aerial photograph.</p> <p>Although not an adjacent property, an Owens Corning facility was located southeast of the subject property, within approximately 200 feet. This facility was first developed between 1971 and 1983. This facility is further discussed in Section 4.1.</p>	<p>Observed uses of some adjoining properties have the potential for the use or release of hazardous materials or petroleum products (truck parking). Observations during site reconnaissance included used a used oil cannister, used oil filters, and other miscellaneous debris found on the adjoining property near the southeastern boundary of the subject property. Hanley Environmental suspects that tenants of the truck parking area disposed of these materials over the fence of the truck parking area southeast of the subject property. Additionally, a drum in poor condition and black staining were observed on the ground surface of the adjoining property within the fenced area of the truck parking area. However, the truck parking area fence line is approximately 50 ft south of the subject property boundary. Based on the distance from the subject property, the nature and extent of observed materials and staining, and local topographic gradient these findings do not indicate a high likelihood of releases with the potential to impact the subject property.. Other Information reviewed did not indicate recognized environmental conditions in</p>
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Location (Current Use)	Prior Uses	Comments
		connection with the subject property.
Western adjacent properties (residential)	Wilson Boulevard was present from prior to 1935, with vacant land beyond. Development of single-family residential uses occurred from the 1950's to 1960's. Apparent uses remained similar to those observed today after that time.	Information reviewed did not indicate recognized environmental conditions in connection with the subject property.

4.5 Review of Previous Reports

Hanley Environmental reviewed five reports provided by the Client as summarized below.

Report	Pertinent Information	Comments
<p>Phase I Environmental Site Assessment</p> <p>Prepared by Alternative Construction & Environmental Solutions, Inc</p> <p>March 8, 2005</p>	<p>The Phase I ESA was performed pursuant to ASTM 1527-00. The site assessed matches the current subject property. The report indicated that the subject property consisted of undeveloped land with no structures. An interview with property owner Mr. Bert Storey was conducted, and no information of environmental concern was ascertained. The report concluded that the assessment revealed evidence of recognized environmental conditions, described as follows, "Although no significant environmental condition was identified, ACES does recommend that the client regularly inspect the Property for any changes in the functionality, staining or debris. Periodic inspections should be performed as the surrounding areas are currently being cleared for development with large amounts of debris on the property line to the south."</p>	<p>Information reviewed did not indicate recognized environmental conditions in connection with the subject property.</p>
<p>Phase I Environmental Site Assessment</p> <p>Prepared by Arkose Environmental, Inc.</p> <p>November 4, 2022</p>	<p>The Phase I ESA was performed pursuant to ASTM E1527-21. The site assessed matches the current subject property. The report indicated that the subject property was unoccupied vacant land and was historically undeveloped. The report indicated that the Mini Mart LUST site located 528 feet north-northwest of the subject property appeared to represent evidence of a recognized environmental condition.</p>	<p>Discussion related to the Mini Mart LUST site is presented in Section 4.1.</p>

Report	Pertinent Information	Comments
<p>Limited Phase II Environmental Site Assessment Report</p> <p>Prepared by Hanley Environmental, PLLC</p> <p>February 2, 2023</p>	<p>This Limited Phase II ESA was performed to assess whether groundwater impacts were present at the site, and to better understand the risk of vapor intrusion at future site buildings. The assessment included collection and analysis of groundwater samples from three temporary monitoring wells near the northern property boundary, and three soil gas samples from near the planned locations of the northernmost future site buildings.</p> <p>Analytical results indicated the presence of tetrachloroethylene, toluene, methyl tert-butyl ether, and acetone at concentrations above laboratory method detection limits in groundwater samples collected at the site. Concentrations detected in groundwater did not exceed US EPA Maximum Contaminant Levels (MCLs) or Target Groundwater Vapor Intrusion Screening Levels (VISLs).</p> <p>Soil gas results indicated benzene, 1,3-butadiene, ethylbenzene, heptane, naphthalene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, o-xylene, m,p-xylene, and xylenes (total) in soil gas at concentrations above the EPA Target Sub-slab Near-Source Soil Gas VISLs. Several other compounds were detected in each soil gas sample at concentrations below Target VISLs. The EPA VISL Calculator indicated carcinogenic risk of 8.32×10^{-5} and a non-carcinogenic hazard index of 5.27. The hazard index exceeded the acceptable risk threshold.</p> <p>The report concluded constituents associated with the Mini Mart LUST release had likely migrated onto the subject property.</p>	<p>The presence of groundwater and soil gas concentrations of hazardous substance and petroleum-related products is considered a recognized environmental condition. Impacts likely migrated onto the subject property from the Mini Mart LUST incident. Discussion related to the Mini Mart LUST site is presented in Section 4.1.</p>

Report	Pertinent Information	Comments
<p>Phase I Environmental Site Assessment</p> <p>Prepared by Hanley Environmental, PLLC</p> <p>October 2, 2023</p>	<p>The Phase I ESA was performed pursuant to ASTM E1527-21. The site assessed matches the current subject property. The report indicated that the subject property was unoccupied vacant land and was historically undeveloped. The report indicated the identified impacts at the subject property related to the Limited Phase II ESA activities were considered a recognized environmental condition.</p>	<p>The Limited Phase II ESA concluded that impacts likely migrated onto the subject property from the Mini Mart LUST incident. Discussion related to the Mini Mart LUST site is presented in Section 4.1.</p>
<p>Environmental Investigation Report</p> <p>Prepared by Hanley Environmental, PLLC</p> <p>December 19, 2023</p>	<p>The environmental investigation activities were conducted to satisfy requirements of a Voluntary Cleanup Contract. The investigation included collection and analysis of soil samples from twelve locations, groundwater samples from five temporary monitoring wells, and seven soil gas samples from near the planned locations of future site buildings.</p> <p>Analytical results did not indicate compounds in soil at concentrations above regulatory levels and/or published regional background metals. The EPA Regional Screening Level (RSL) Risk Calculator indicated calculated carcinogenic and non-carcinogenic risks were below acceptable risk thresholds.</p> <p>Groundwater analytical results indicated the presence of 1,4-dioxane and 2,4,6-tribromophenol at concentrations above US EPA MCLs/EPA Tapwater RSLs. Several metals were detected above their respective MCLs or Tapwater RSLs, but it was noted concentrations may have been influenced by elevated turbidity.</p> <p>Soil gas results indicate chloroform in soil gas at concentrations above the EPA Target Sub-slab Near-Source Soil Gas VISLs. Several other compounds were detected in each soil gas sample at concentrations below Target VISLs. EPA VISL Calculator for site-wide data indicated carcinogenic risk of 8.49×10^{-5} and a non-carcinogenic hazard index of 5.27. The hazard index exceeded the acceptable risk threshold.</p>	<p>The presence of groundwater and soil gas concentrations of hazardous substance and petroleum-related products is considered a recognized environmental condition. Impacts likely migrated onto the subject property from off-site sources as discussed in Section 4.1.</p>

Report	Pertinent Information	Comments
<p>Phase I Environmental Site Assessment</p> <p>Prepared by Hanley Environmental, PLLC</p> <p>July 1, 2024</p>	<p>The Phase I ESA was performed pursuant to ASTM E1527-21. The site assessed matches the current subject property. The report indicated that the subject property was unoccupied vacant land and was historically undeveloped. The report indicated the identified impacts at the subject property related to the Limited Phase II ESA and Environmental Investigation activities were considered a recognized environmental condition.</p>	<p>The Limited Phase II ESA and Environmental Investigation Report concluded that impacts likely migrated onto the subject property from the Mini Mart LUST incident. Discussion related to the Mini Mart LUST site is presented in Section 4.1.</p>

Additionally, a VCC between SC DHEC and Pedcor related to the subject property executed on October 3, 2023, was reviewed (Appendix B). The VCC indicated that Pedcor will acquire and intends to develop the property with low-income housing. The VCC calls for implementation of engineering and/or institutional controls including recordation of a Declaration of Covenants and Restrictions related to environmental impacts for the property. Pedcor entered into a Declaration of Covenants and Restrictions related to environmental land use restrictions, recorded June 7, 2024, by the Richland County Register of Deeds. SC DHEC issued a Provisional Certificate of Completion dated June 17, 2024, which indicated that liability protections addressed by the VCC were in effect, conditional upon completion of remaining obligations. Remaining obligations included installation of vapor intrusion mitigation systems, and preparation of a Stewardship Plan for maintenance of the vapor intrusion mitigation systems. Based on the known presence of environmental contamination and the current status of recorded institutional controls to the satisfaction of SC DHEC, this finding is considered a controlled recognized environmental condition.

5.0 SITE RECONNAISSANCE

Site reconnaissance was performed on April 24, 2025, by Mr. Reed Dowdy of Hanley Environmental. The objective of site reconnaissance was to obtain information indicating the

likelihood of identifying recognized environmental conditions in connection with the subject property.

Reconnaissance was performed through visual and physical observation of the property and structures located on the property (if any) to the extent not obstructed by bodies of water, adjacent buildings, or other obstacles. The periphery of the property was observed, as well as the periphery of structures on the property. The property was also observed from adjacent public thoroughfares (if present). The subject property was wooded, and dense vegetation limited visibility of the ground surface.

Observations related to the general site setting are discussed in Sections 2.1 through 2.4. Observations of the subject property and related reported information are summarized in the table below. A photographic log of site reconnaissance is included in **Appendix E**.

Description	Reported or Observed on the subject property (Y/N)	Comments
General Observations		
Hazardous substances and petroleum products in connection with identified uses	N	
Storage Tanks	N	
Strong, Pungent, or Noxious Odors	N	
Pools of Liquid	Y	Standing water (precipitation runoff) was observed in a drainage ditch near the southwestern portion of the subject property. The drainage ditch led off-property into a culvert extending to the west beneath Wilson Boulevard.
Drums	N	
Hazardous Substances and Petroleum Products Not in Connection with Identified Uses	N	Observations of the south-adjointing property during site reconnaissance included a used oil cannister, used oil filters, and other miscellaneous debris found near the southeastern boundary of the subject property. These materials are suspected to be disposed of over the fence of the truck parking area by tenants of the truck parking area southeast of the subject property. Additionally, a drum in poor condition and black staining were observed on the ground surface within the fenced area of the truck parking area. However, the truck parking area fence line is approximately 50 ft south of the subject property boundary. Based on the distance from the subject property, the nature and extent of observed materials and staining, and local topographic gradient these findings do not indicate a high likelihood of releases with the potential to impact the subject property.
Unidentified Substance Containers	N	

Description	Reported or Observed on the subject property (Y/N)	Comments
Potential Polychlorinated Biphenyl (PCB)-containing Hydraulic or Electrical Equipment	N	No potential PCB-containing equipment was observed on the subject property. One pole-mounted transformer was observed off-site near the southwestern corner of the subject property. Hanley Environmental did not observe staining or other obvious indications of a release associated with the transformer. Based the condition of the transformer and likely age of the power pole, the transformer was likely manufactured after the 1979 ban of the use of PCBs in commerce, and therefore was unlikely to contain PCBs.
Hydraulic Equipment	N	
Contracted Maintenance Services	N	
Utilities and Stormwater Management	Y	<p>Electrical transmission lines were located along the western property boundary. A marker for an underground cable was also observed along the western property boundary. A survey previously provided by the client indicated that the power line ran directly along the property line, and an underground fiber-optic line was present just off-property. No utility service was observed or reported at the subject property.</p> <p>A reinforced concrete pipe storm drain was present off-property which ran underneath Wilson Boulevard. A drainage ditch in the southwestern portion of the subject property directed stormwater to the storm drain.</p>
Exterior Observations		
Pits, Ponds, Lagoons, and Surface Water	Y	Standing water was observed within a drainage ditch near the southwestern corner of the subject property, which likely resulted from recent rain at the time of site reconnaissance.
Stained Soil or Pavement	N	
Stressed Vegetation	N	

Description	Reported or Observed on the subject property (Y/N)	Comments
Solid Waste	Y	Limited inert debris was observed in wooded areas on the subject property including typical roadside litter, tires, a wooden door, a wooden pallet, and other items. The types, extent, and condition of debris observed did not indicate the likely release of hazardous substances or petroleum products that could impact the subject property.
Process/ Industrial Wastewater Discharges	N	
Wells	N	
Septic Systems	N	

6.0 INTERVIEWS

Interviews were conducted or reasonable attempts were made to interview certain individuals as required by ASTM E1527-21 with the objective of obtaining information indicating recognized environmental conditions in connection with the subject property. Interviews were conducted in person, by telephone, or in writing. Interviews are summarized in the table below.

Interviewee	Role	Date Completed	Comments
Mr. Michael S. Bryon	Owner's Representative / Key Site Manager	4/22/2025	Mr. Michael S. Bryon completed an Owner Representative Interview Questionnaire. The questionnaire did not identify records or recollection of incidents posing environmental concern in connection with the subject property.

Interviewee	Role	Date Completed	Comments
Richland County Ombudsman	Richland County	4/25/2025	A request for relevant information on the subject property was made to the Richland County Ombudsman on April 23, 2025. On April 25, 2025, the Richland County Ombudsman responded, "Richland County has determined there are no responsive public records regarding this matter."

Interview records of communication are included in **Appendix F**.

7.0 EVALUATION

This section documents the findings, opinions, and conclusions of the Phase I ESA.

7.1 Findings and Opinions

Findings including features, activities, uses, and conditions that may indicate recognized environmental conditions, controlled recognized environmental conditions, historical recognized environmental conditions, and *de minimis* conditions are summarized below, along with an opinion of the impact on the subject property and an explanation of the logic and reasoning used in forming the opinion.

- A 1992 LUST incident associated with the Mini Mart fueling station located approximately 500 feet north-northwest of the subject property resulted in a dissolved phase groundwater plume of petroleum-related compound extending away from the facility toward the subject property. A Limited Phase II Environmental Site Assessment performed in early 2023 included collection of groundwater and soil gas samples from the northern portion of the subject property to evaluate whether impacts from the Mini Mart incident had impacted the subject property. Analytical results indicated the presence of tetrachloroethylene, toluene, MTBE, and acetone at concentrations above laboratory method detection limits in groundwater samples collected at the subject property. Several volatile constituents were also detected in soil gas samples collected at the subject property at concentrations above applicable screening levels. The report concluded that constituents associated with the Mini Mart LUST release had likely migrated onto the subject property. Additional environmental investigation activities were conducted in October/November 2023. Groundwater analytical results indicated the presence of 1,4-dioxane and 2,4,6-tribromophenol at concentrations above US EPA MCLs/EPA Tapwater RSLs. Soil gas results indicated chloroform in soil gas at concentrations above the EPA Target Sub-slab Near-Source Soil Gas VISLs. Several other compounds were

detected in each soil gas sample at concentrations below Target VISLs. The identified impacts at the subject property are considered a recognized environmental condition.

A VCC between SC DHEC and Pedcor related to the subject property was executed on October 3, 2023. The VCC indicated that Pedcor will acquire and intends to develop the property with low-income housing. The VCC calls for implementation of engineering and/or institutional controls including recordation of a Declaration of Covenants and Restrictions related to environmental impacts for the property. Pedcor entered into a Declaration of Covenants and Restrictions related to environmental land use restrictions, recorded June 7, 2024, by the Richland County Register of Deeds. SC DHEC issued a Provisional Certificate of Completion dated June 17, 2024, which indicated that liability protections addressed by the VCC were in effect, conditional upon completion of remaining obligations. Remaining obligations included installation of vapor intrusion mitigation systems, and preparation of a Stewardship Plan for maintenance of the vapor intrusion mitigation systems. Based on the known presence of environmental contamination and the current status of recorded institutional controls to the satisfaction of SC DHEC, this finding is considered a controlled recognized environmental condition.

- The adjoining property on the southeast side of the subject property is currently utilized as a truck parking area. A chain-link fence bounds the truck parking area approximately 50 feet south of the subject property line. The buffer area between the truck parking area fence line and the subject property boundary consists of a primarily grassy, vegetated area with the subject property beginning at the forest line. Debris associated with the truck parking area was observed during site reconnaissance including a used oil cannister, used oil filters, and other miscellaneous debris. This debris and refuse appeared to be disposed over the fence line by tenants of the truck parking area into the buffer area near the subject

property line. Minor black staining was noted beneath the approximately 10 gallon used oil container. Additionally, a drum in poor condition and black staining were observed on the ground surface within the fenced area of the truck parking area by the north fence line. Based on the distance from the subject property, the nature and extent of observed materials and staining, and local topographic gradient these findings do not indicate a high likelihood of releases with the potential to impact the subject property. Therefore, this finding is not considered a recognized environmental condition.

No significant data gaps (as defined in ASTM E1527-21) were identified during this investigation.

7.2 Conclusions

Hanley Environmental performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-21 of the subject property. Exceptions to, or deletions from, this practice are described in Section 2.5.3 of this report. This assessment has revealed the following recognized environmental conditions, controlled recognized environmental conditions, and/or significant data gaps in connection with the subject property:

- Controlled recognized environmental condition #1: The identified impacts in subject property groundwater and soil gas which are considered likely to have originated at least partially from the Mini Mart LUST incident. Based on the known presence of environmental contamination and the current status of recorded institutional controls to the satisfaction of SC DHEC, this finding is considered a controlled recognized environmental condition

7.3 Data Gaps

A data gap is defined in ASTM E1527-21 as a lack of or inability to obtain required information despite good faith efforts. The following data gaps were identified during performance of

this Phase I ESA. Based on the information reviewed and professional experience of the environmental professional, these data gaps were not considered to be significant in affecting the ability to identify recognized environmental conditions.

- Data failure (a type of data gap) occurred during historical review of the subject property. Historical sources had gaps of greater than five-year intervals dating back to first use. Based on the information reviewed and professional experience of the Environmental Professional, this data failure is not considered to constitute a significant data gap.

7.4 Signature and Qualifications of Environmental Professional

Qualifications of the Environmental Professional and the personnel that conducted the site reconnaissance and interviews are included in **Appendix G**.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR §312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



David Hanley
Principal
Hanley Environmental, PLLC

Declaration Date: May 6, 2025

I understand that my Phase I ESA Report will be used by the U.S. Department of Housing and Urban Development to document that the MAP Lender's application for FHA multifamily mortgage insurance was prepared and reviewed in accordance with HUD requirements. This report has been made, presented, and delivered for the purpose of influencing an official

action of the FHA, and of the Commissioner, and may be relied upon by the Commissioner as a true statement of the facts contained therein. I certify that my review was in compliance with HUD program and processing requirements applicable on the date of my review and that I have no financial interest or family relationship with the officers, directors, shareholders, members or partners of the Lender or affiliated entities, Borrower or affiliated entities, the General Contractor, any subcontractors, the buyer or seller of the proposed property and that I have not engaged in any business that might present a conflict of interest.

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 administrative sanctions, including fines, penalties, and/or imprisonment under applicable federal law, including but not limited to 12 U.S.C. §§ 1708 and 1735f-14, and 1833a; 18 U.S.C. §§1001, 1006, 1010, 1012, and 1014; and 31 U.S.C. §§3729 and 3802.



David Hanley
Principal
Hanley Environmental, PLLC

Declaration Date: May 6, 2025

8.0 NON-SCOPE SERVICES

Pursuant to ASTM E1527-21, recommendations (e.g., for additional assessment or considerations to address business environmental risks) are not required to be included in this report. Hanley Environmental can provide such recommendations to the User upon request.

The following non-ASTM scope environmental issues are addressed by the HUD Environmental Review Online System (HEROS) to document compliance with NEPA and other

Environmental Federal laws, authorities, Executive Orders, and HUD Standards. Hanley Environmental performed evaluations related to these issues for the previous 2024 Phase I ESA, which are described in the following sections.

8.1 Vapor Encroachment Screening

A *Vapor Screening Report* was provided in the Phase I ESA dated October 2, 2023 (include in **Appendix B**). The encroachment screening was performed in accordance with ASTM E2600-15 "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions". This screening involved assessment of known or suspected contaminated sites within certain radii from the subject property.

The Mini Mart facility located at 10447 Wilson Boulevard was located approximately 500 feet north-northwest of the subject property, across Wilson Boulevard and at a similar topographic elevation to the subject property. The facility was listed on the state LUST database and UST database. The Mini Mart incident is within 1/10-mile of the subject property and presents a vapor encroachment concern for the subject property.

Previous assessment activities at the subject property identified volatile constituents in groundwater and soil gas which were considered likely to have originated at least partially from the Mini Mart release. A *Limited Phase II Environmental Site Assessment Report* dated February 2, 2023, and an *Environmental Investigation Report* dated December 19, 2023, both prepared by Hanley Environmental, concluded that assessment data indicated the potential for soil gas to indoor air vapor intrusion to result in unacceptable risk levels for future buildings under a residential use scenario. The reports stated that this risk could be addressed with appropriate engineering controls such as vapor intrusion mitigation systems at planned buildings.

A Vapor Intrusion Mitigation Plan (VIMP) prepared by Hanley Environmental, dated January 22, 2024, presented specifications for vapor intrusion mitigation systems to be installed in planned site buildings. The VIMP was prepared pursuant to the Voluntary Cleanup Contract

and was submitted to SC DHEC on behalf of Pedcor. The VIMP was approved by SC DHEC in a letter dated January 30, 2024 (**Appendix B**). The objectives of the proposed vapor intrusion mitigation systems are to satisfy requirements of the Voluntary Cleanup Contract and to reduce occupant exposure to volatile compounds originating from subsurface contamination in the planned site buildings to acceptable risk levels.

8.2 Lead-Based Paint

No structures were present on the subject property, and therefore lead-based paint is not considered to be a concern.

8.3 Asbestos

No structures were present on the subject property, and therefore asbestos-containing materials are not considered to be a concern.

8.4 Radon

Radon is a colorless, odorless gas that is a decay product of uranium, a common constituent of soil and rock. Under certain natural conditions, radon gas can be found in soil gas in the vadose zone which has the potential to enter buildings. When radon enters a building, occupants may be exposed to radon and its decay products through inhalation. Radon decay products release subatomic particle radiation which can cause mutations in lung tissue which can lead to lung cancer. The risk to occupants increases with the concentration of radon in the indoor air of a building. The US EPA recommends radon mitigation for buildings with radon concentrations at 4 picocuries per liter of air (pCi/L) or greater.

The US EPA developed a map of radon zones to assist with identifying areas with the potential for elevated indoor radon levels. The map was developed using data on indoor radon measurements, geology, aerial radioactivity, soil parameters, and foundation types. It should not be used to determine if individual homes need to be tested but provides guidance on areas with higher risk of radon exposure.

The US EPA radon zone map categorizes Richland County as radon Zone 3. Zone 3 has a predicted average indoor radon concentration less than 2 pCi/L. Federal Area Radon Information for Richland County based on 87 measurements indicated that 1% of measurements exceeded 4 pCi/L.

Hanley Environmental prepared a Vapor Intrusion Mitigation Plan dated January 22, 2024, which was subsequently approved by SC DHEC in a letter dated January 30, 2024. The Vapor Intrusion Mitigation Plan provided general specification and system requirements for vapor intrusion mitigation systems which were designed to reduce occupant exposure to volatile compounds originating from subsurface contamination in the planned site building to acceptable risk levels pursuant to a Voluntary Cleanup Contract with SC DHEC. The VIMP was developed in general accordance with *Soil Gas Control Systems in New Construction of Multifamily, School, Commercial and Mixed-Use Buildings (ANSI/AARST CC-1000-2018-0523)* which aligns with HUD requirements related to radon mitigation. A vapor intrusion barrier beneath the slab is intended to reduce upward migration of volatile contaminants, and a passive venting system will provide a pathway for venting of soil gas from below building floor slab to above the building roof, reducing the likelihood of soil gas containing hazardous chemicals from entering the occupied building space. The vapor intrusion mitigation systems will initially operate as a passive system and will provide venting without the use of electric fans. If warranted based on performance monitoring data, the systems may be converted to active systems in the future with the addition of electric fans.

8.5 Historic Preservation

Hanley Environmental reviewed the US Department of Interior National Park Service National Register of Historic Places web-based map during the 2024 Phase I ESA. No records of historic places were identified at the subject property, immediate vicinity, nor within an approximately one-mile radius of the subject property.

Hanley Environmental reviewed SC ArchSite, the online Geographic Information System that combines archaeological site file information maintained by the SC Institute of Archaeology

and Anthropology and above-ground historic and architectural properties information maintained by the SC Department of Archives and History. This tool can be used to assess whether a cultural resources survey has been performed and/or if cultural resources and/or historic properties are recorded within a specific area. For the 2024 review, no records of performance of a cultural resources survey, cultural resources, or historic properties were identified at the subject property or immediate vicinity. Records are included in **Appendix B**.

8.6 Floodplain Management and Flood Insurance

For the 2024 Phase I ESA, Hanley Environmental reviewed the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map for Richland County, South Carolina and Incorporated Areas, Panel 137 of 650, which included the subject property. The subject property was classified as Unshaded Zone X which is defined to include areas determined to be outside the 0.2% annual chance floodplain. The Flood Insurance Rate Map is included in **Appendix B**.

Based on the floodplain classification of the subject property, a requirement for flood insurance under the HUD MAP Guide is not anticipated.

8.7 Wetlands Protection

The HUD MAP Guide defines wetlands as those areas that are inundated by surface or groundwater with a frequency sufficient to support, and under normal circumstances does or would support, a prevalence of vegetative or aquatic life that requires saturated or seasonally saturated soil conditions for growth and reproduction. Wetlands generally include swamps, marshes, bogs, and similar areas such as sloughs, potholes, wet meadows, river overflows, mud flats, and natural ponds. This definition includes both wetlands subject to and those not subject to section 404 of the Clean Water Act (i.e. jurisdictional and non-jurisdictional wetlands). Development or disturbance of wetlands are prohibited unless there is no practicable alternative and the proposed action includes all practicable measures to minimize harm to the wetland.

The US Fish and Wildlife Service's National Wetlands Inventory (NWI) is used as a primary screening tool for wetland identification. Hanley Environmental reviewed the NWI Wetlands Mapper (**Appendix B**) during the 2024 Phase I ESA and did not identify wetlands or other waterbodies on the subject property. USGS topographic maps reviewed also did not indicate the presence of wetlands at the subject property.

During the April 24, 2025, site reconnaissance, standing water was observed in a drainage ditch near the southwestern portion of the subject property. The drainage ditch led off-property into a culvert extending to the west beneath Wilson Boulevard. Similar observations were made during the 2024 site reconnaissance. During the October 2023 Phase I ESA site reconnaissance, flagging marked "Wetlands" was identified on the subject property near the drainage ditch. The scope or purpose of a possible wetland delineation associated with the flagging was unknown, and only one flag was observed.

The scope of the current assessment did not include a formal wetland and waterbody delineation (e.g., to identify Waters of the United States for the purpose of 401/404 permitting). A formal wetland and waterbody delineation would confirm the presence of the suspected wetlands at the subject property.

8.8 Noise Analysis

For proposed new construction in high noise areas, HUD requires incorporation of noise mitigation features. Consideration of noise applies to the acquisition of undeveloped land and existing development as well. Sites where environmental or community noise exposure exceeds the day-night average sound level (DNL) of 65 decibels (dB) are considered noise-impacted areas. For new construction that is proposed in high noise areas, grantees shall incorporate noise attenuation features.

The "Normally Unacceptable" noise zone includes community noise levels from above 65 decibels to 75 decibels. Approvals in this noise zone require a minimum of 5 dB additional sound attenuation for buildings having noise-sensitive uses if the day-night average sound

level is greater than 65 dB but does not exceed 70 dB, or a minimum of 10 decibels of additional sound attenuation if the day-night average sound level is greater than 70 dB but does not exceed 75 dB.

Locations with day-night average noise levels above 75 dB have "Unacceptable" noise exposure. For new construction, noise attenuation measures in these locations require special approval. The acceptance of such locations normally requires an environmental impact statement. In "Unacceptable" noise zones, HUD strongly encourages conversion of noise-exposed sites to land uses compatible with the high noise levels.

Hanley Environmental used the HUD Exchange Day/Night Noise Level Calculator for the 2024 Phase I ESA to calculate DNL from roadway and railway traffic (**Appendix B**). The following noise sources were input into the calculator:

- Wilson Boulevard was located approximately 158 feet from the nearest planned building based on a conceptual site plan provided by the prospective developer. Traffic count data for this road was obtained from the SC Department of Transportation.
- Farrow Road was located approximately 521 feet from the nearest planned building based on a conceptual site place provided by the prospective developer. Traffic count data for this road was obtained from the SC Department of Transportation.
- A Norfolk Southern railway was located approximately 619 feet northeast of the nearest planned building based on a conceptual site place provided by the prospective developer. A US Department of Transportation Crossing Inventory Form was reviewed to obtain information on daily and nightly train traffic.

Fairfield County Airport, located approximately 12 miles northwest of the subject property, was a small municipal airport typically serving small aircraft. Based on the distance and type of airport, noise associated with this airport is not considered likely to have an impact on the subject property.

The combined DNL calculated in 2024 was 63 dB which is considered acceptable by HUD (<65 dB).

8.9 Explosive/Flammable Hazards

Site reconnaissance and regulatory database and file review information did not identify explosive or flammable hazards that could create unacceptable risk to the subject property by proximity. The regulatory database review did not identify AST facilities within a one-mile radius of the subject property. For the 2024 Phase I ESA, Hanley Environmental reviewed the National Pipeline Mapping System Public Map Viewer (**Appendix B**) which did not identify gas transmission pipelines, hazardous liquid pipelines, liquefied natural gas (LNG) plants, breakout tanks, or other potential explosive/flammable hazards within a one-mile radius of the subject property.

8.10 Air Quality

The Clean Air Act is administered by the US EPA, which sets National Ambient Air Quality Standards (NAAQS). These are limits on certain “criteria” air pollutants, including limits on how much of these pollutants can be in the air anywhere in the United States. Geographic areas that are in compliance with standards are called “attainment areas,” while areas that do not meet standards are called “nonattainment” areas.

Hanley Environmental reviewed information from the US EPA Green Book on Nonattainment Areas for Criteria Pollutants during the 2024 Phase I ESA (**Appendix B**). Richland County was not classified as an attainment area or maintenance area for criteria pollutants.

8.11 Airport Hazards

Potential aircraft accident problems pose a hazard to property users. It is HUD’s policy to apply standards to prevent incompatible development around civil airports and military airfields. If a property is located near an airport or in the immediate area of the landing and approach zones, additional information is necessary to determine whether this issue is a concern and if so, how to mitigate it.

Review of aerial photographs, topographic maps, and observations during site reconnaissance during the 2024 Phase I ESA did not identify a civilian airport within 2,500 feet or a military airport within 15,000 feet of the subject property. Based on this finding, the subject property has not been identified to be within specified distances that would be a concern for potential aircraft accident problems for HUD.

8.12 Coastal Barriers

The Coastal Barrier Resources Act (CBRA) of 1982 designated relatively undeveloped coastal barriers along the Atlantic and Gulf coasts as part of the John H. Chafee Coastal Barrier Resources System (CBRS) and made these areas ineligible for most new Federal expenditures and financial assistance.

Hanley Environmental reviewed the US FWS CBRS Mapper (**Appendix B**) during the 2024 Phase I ESA which indicated that the subject property was not within a System Unit.

8.13 Coastal Zone Management

The Coastal Zone Management Program (CZMP) is authorized by the Coastal Zone Management Act (CZMA) of 1972 (16 U.S.C. 1451 et seq) and administered at the federal level by the Coastal Programs Division within the National Oceanic and Atmospheric Administration's Office of Ocean and Coastal Resource Management (NOAA-OCRM). Projects that can affect the coastal zone must be carried out in a manner consistent with the state coastal zone management program.

According to the NOAA-OCRM, the South Carolina Coastal Management Program was approved by NOAA in 1979, and the lead agency is SC DHEC. The primary authority for the coastal management program is the 1977 Coastal Tidelands and Wetlands Act. The South Carolina coastal zone includes all lands and waters in the counties of the state that contain any one or more "critical areas," which are defined as coastal waters, tidelands, beaches, and beach/dune system. Hanley Environmental reviewed South Carolina Coastal Management

Program information during the 2024 Phase I ESA and identified that Richland County is not located within a coastal zone.

8.14 Endangered Species

The Endangered Species Act (ESA) of 1973, as amended, and its implementing regulations were designed to protect and recover species in danger of extinction and the ecosystems that they depend upon. The ESA is jointly administered by the Secretaries of the Interior and Commerce. The U.S. Fish and Wildlife Service (FWS) is responsible for terrestrial and freshwater species and the National Marine Fisheries Service (NMFS) is responsible for marine species and anadromous fish, such as salmon. Collectively referred to as the Services, these offices are responsible for listing species under their authority as threatened or endangered as appropriate. An environmental review conducted pursuant to the HUD MAP Guide must consider potential impacts of the HUD-assisted project to endangered and threatened species and critical habitats. The review must evaluate potential impacts not only to any listed but also to any proposed endangered or threatened species and critical habitats.

An official species list for the subject property was obtained from the US FWS as part of this assessment (included in **Appendix B**). Hanley Environmental used the US FWS Information for Planning and Consultation (IPaC) online tool during the 2024 Phase I ESA to identify endangered species potentially affected by activities at the subject property and verify that no additional species were listed beyond what was included in the previous report. The 2024 IPaC evaluation indicated that there are no critical habitats at the subject property. The following listed species or species that are candidates for listing were identified as potentially occurring in the region of the subject property.

- Tricolored Bat (*Perimyotis subflavus*) – Proposed Endangered
- Red-cockaded Woodpecker (*Picoides borealis*) – Endangered
- Monarch Butterfly (*Danaus plexippus*) – Candidate
- Canby's Dropwort (*Oxypolis canbyi*) – Endangered

- Rough-leaved Loostripe (*Lysimachia asperulaefolia*) – Endangered
- Smooth Coneflower (*Echinacea laevigata*) – Threatened

Previous Phase I ESAs reported that each of the listed species was not encountered during site reconnaissance activities. Additionally, each of these listed species was not encountered during Hanley Environmental's site reconnaissance as part of this assessment. Note that this Phase I ESA site reconnaissance did not entail a comprehensive survey for threatened or endangered species.

8.15 Farmlands Protection

The purpose of the Farmland Protection Policy Act is to minimize the effect of Federal programs on the unnecessary and irreversible conversion of farmland to nonagricultural uses. Land that meets the definition of prime or unique farmlands or is determined to be of statewide or local significance (with concurrence by the U.S. Secretary of Agriculture) is subject to the Act. In some states agricultural lands are protected from development by agricultural districting, zoning provisions, or special tax districts.

The site is not currently used for farmland. Hanley Environmental reviewed the 2010 Census Urbanized Area Reference Map: Columbia, South Carolina (**Appendix B**) during the 2024 Phase I ESA which classified the subject property as Urbanized Area. Since the subject property consists of land already in or committed to urban development, the subject property is exempt from compliance with the Farmland Protection Policy Act (per 7 CFR 658.2).

8.16 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. Sole Source Aquifer designations are one tool to protect drinking water supplies in areas where alternatives to the groundwater resource are few, cost-prohibitive, or nonexistent. The designation protects an area's ground water

resource by requiring US EPA review of any proposed projects within the designated area that are receiving federal financial assistance. Proposed projects receiving federal funds are subject to review to ensure they do not endanger the water source.

Hanley Environmental reviewed the US EPA regional Sole Source Aquifer map of the subject property area (**Appendix B**) during the 2024 Phase I ESA. The subject property was not identified as being located within a sole source aquifer area.

8.17 Wild and Scenic Rivers

The Wild and Scenic Rivers Act (16 U.S.C. 1271-1287) 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). NWSRS was created by Congress in 1968 (Public Law 90-542; 16 U.S.C. 1271 et seq., as amended) to preserve certain rivers with outstanding natural, cultural, and recreational values in a free-flowing condition for the enjoyment of present and future generations.

HUD-assisted activities are subject to the requirements of the Wild and Scenic Rivers Act (16 U.S.C. 1271 et seq.). The environmental review must evaluate the potential to impact any listed Wild and Scenic River when the assisted project is within proximity to a listed natural resource.

Hanley Environmental Reviewed the NWSRS online list of designated rivers and list of wild and scenic river studies (**Appendix B**) for the 2024 Phase I ESA. No wild and scenic rivers or rivers under study were identified in the vicinity of the subject property.

8.18 Environmental Justice

Environmental justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, disability, or income, including tribal persons, with respect to both positive and negative environmental and health impacts of a project. Executive Order 12898, "Federal Actions to Address Environmental Justice in Minority Populations and Low-income Populations" (2/94) requires certain federal agencies, including

HUD, to consider how federally assisted projects may have disproportionately high and adverse human health or environmental effects on minority and/or low-income populations.

Based on Hanley Environmental's 2024 Phase I ESA, the subject property has documented impacts to groundwater and soil gas that have likely migrated onto the property from off-site sources. The subject property is currently vacant and unused. Future development of the subject property may require appropriate engineering or institutional controls to prevent unacceptable risk to occupants from existing environmental contamination. With appropriate engineering or institutional controls to mitigate exposure to contamination, future redevelopment would not create an adverse and disproportionate environmental impact or aggravate an existing impact. Redevelopment with appropriate controls would allow for safe use of the subject property.

8.19 Additional Hazards and Nuisances

Based on observations during site reconnaissance and information reviewed as part of the 2024 Phase I ESA, natural hazards (e.g., faults/fractures, volcanoes, cliffs, bluffs, poisonous plants/insects/animals) were not identified at the subject property. Significant air pollution generators such as heavy industry, incinerators, or power-generating plants were not identified at the subject property or adjoining properties. Man-made site hazards such as dumps/landfills, high-pressure gas or liquid petroleum transmission lines, and oil or gas wells were not identified. The scope of this assessment was limited, and assessment of possible hazards and nuisances was not exhaustive.

9.0 REFERENCES

Alternative Construction & Environmental Solutions, Inc, *Phase I Environmental Site Assessment, 22.80 Acres I-77 & Wilson Blvd Blythewood SC*, March 8, 2005.

Arkrose Environmental, Inc., *Phase I Environmental Site Assessment For 10424 Wilson Blvd Richland County, SC, 29016*, November 4, 2022.

Atlas Surveying, Inc. ALTA/NSPS Land Title Survey of #10424 Wilson Boulevard.

Environmental Risk Information Services, *Database Report*, Project Property: Storey Site, April 23, 2025.

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Environmental Risk Information Services, *Topographic Maps*, Project Property: Storey Site, April 23, 2025.

Environmental Risk Information Services, *Historical Aerials*, Project Property: Storey Site, April 22, 2025.

Environmental Risk Information Services, *City Directory*, Project Property: Storey Site, April 28, 2025.

Environmental Risk Information Services, *Fire Insurance Maps*, Project Property: Storey Site, April 22, 2025.

First American, ALTA Commitment for Title Insurance, Rev. January 10, 2023.

FEMA, Flood Insurance Rate Map, Richland County, South Carolina, Panel 137 of 650, Revised December 21, 2017.

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10424 Wilson Blvd.

Hanley Environmental, PLLC

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Hanley Environmental, PLLC, *Phase I Environmental Site Assessment, 10424 Wilson Blvd, Richland County, South Carolina 29016*, July 1, 2024.

Hanley Environmental, PLLC, *Vapor Intrusion Mitigation Plan, 10424 Wilson Blvd, Richland County, South Carolina 29016*, January 22, 2024.

HUD Exchange DNL Calculator.

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National Wild and Scenic Rivers System, South Carolina Map.

Pipeline and Hazardous Materials Safety Administration, National Pipeline Mapping System.

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Richland County Ombudsman's Office, Email Interview, April 25, 2025.

Richland County, Property Record Card Property Search, Tax Map Number R15000-05-04, April 25, 2025.

SC ArchSite Public Web Map.

South Carolina Department of Health and Environment Control, *Vapor Intrusion Mitigation Plan, January 22, 2024, January 30, 2024*.

South Carolina Department of Health and Environment Control and Pedcor Investments-2023-CXCIII, L.P., *Voluntary Cleanup Contract 23-7758-NRP*, January 30, 2024.

US Census Bureau, Excerpt from 2010 Census Urbanized Area Reference Map: Columbia, SC.

USFWS, Coastal Barrier Resources System, CBRS Map.

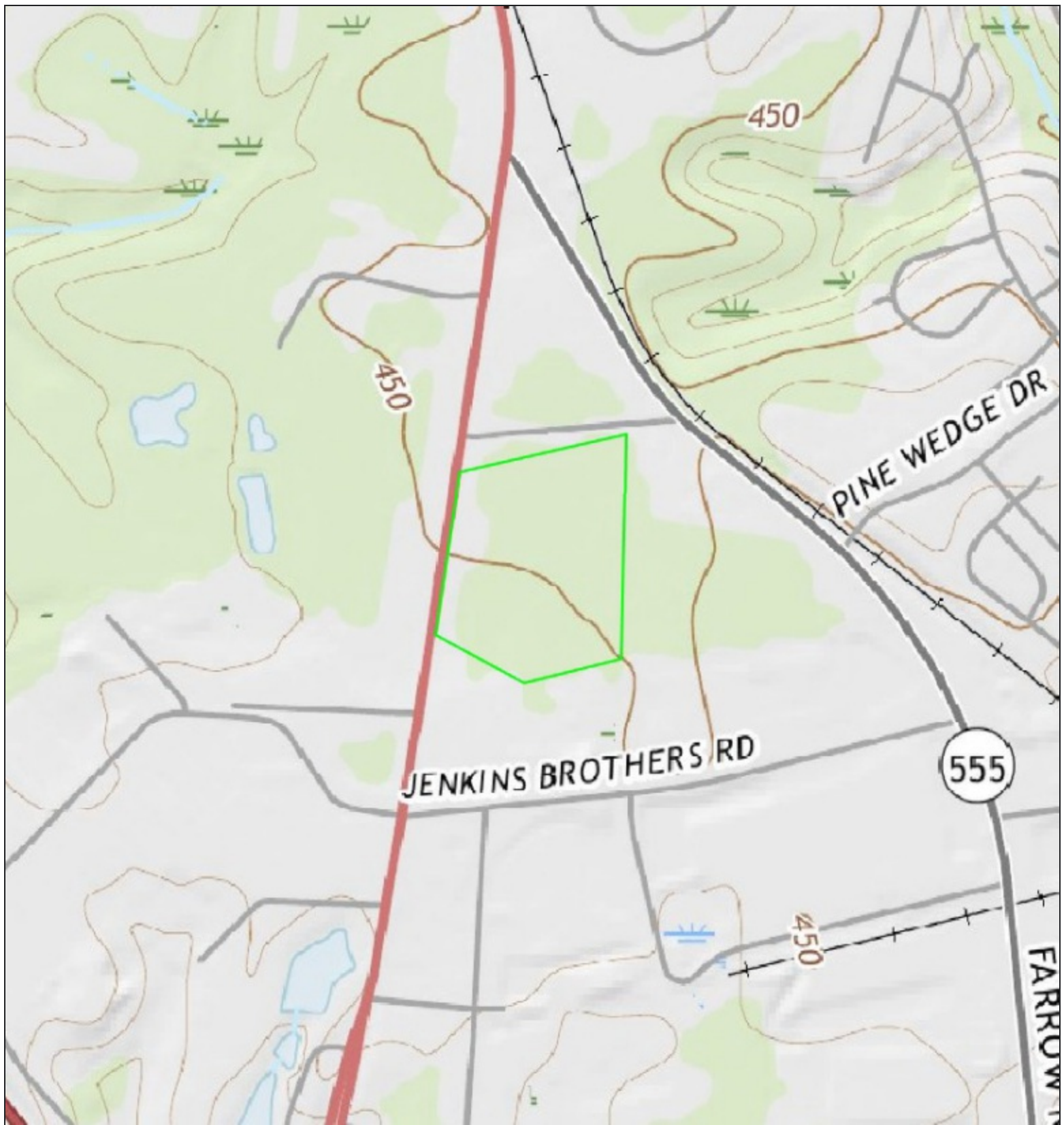
USFWS, List of Threatened and Endangered Species, May 15, 2024.

USFWS, National Wetlands Inventory Map.

USEPA, Greenbook, South Carolina Nonattainment/Maintenance Status for Each County by
Year for All Criteria Pollutants. April 30, 2024.

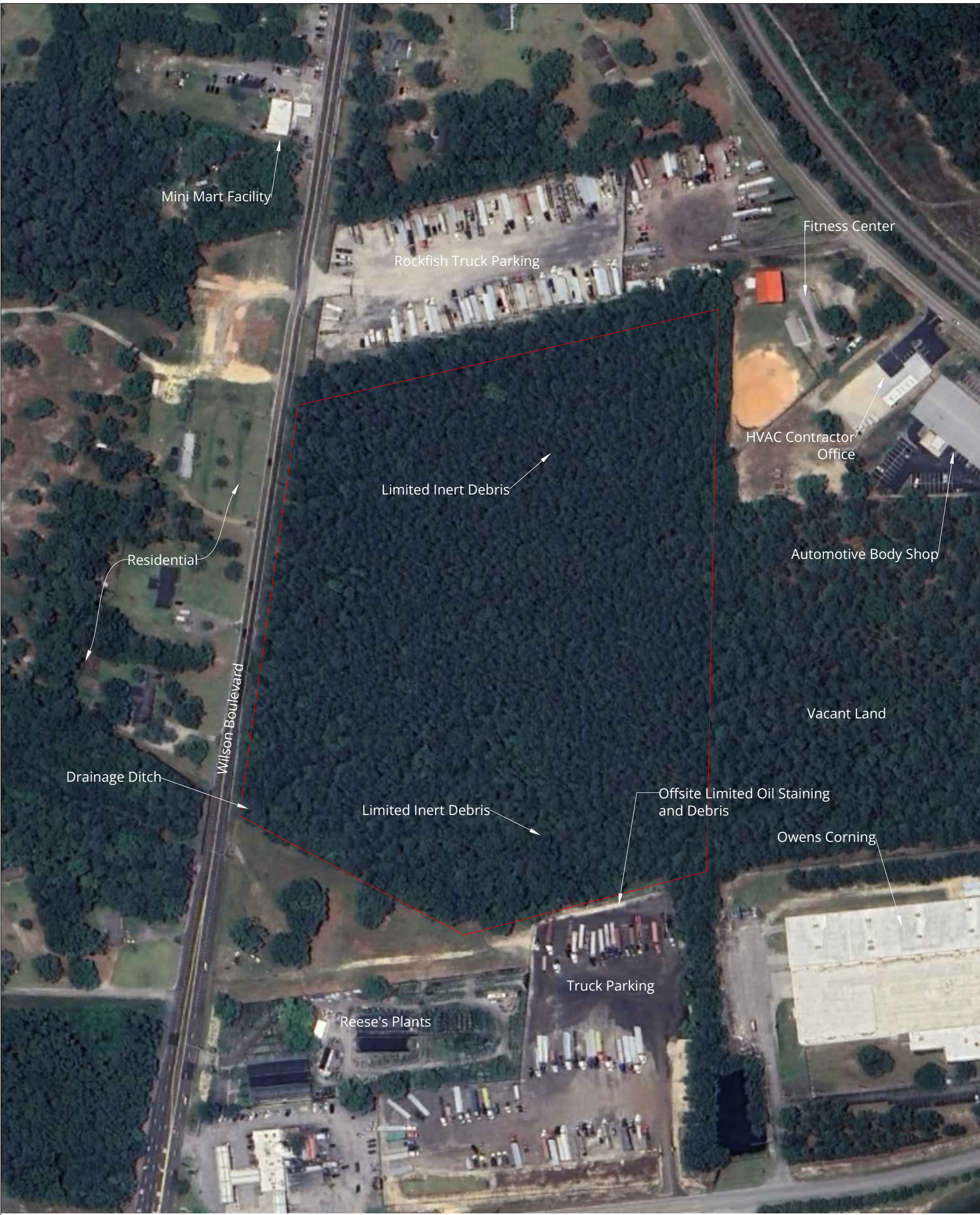
USEPA, Map of Sole Source Aquifer Locations.

FIGURES



 Subject Property Boundary

Scale: 1:9000

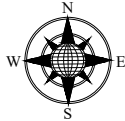
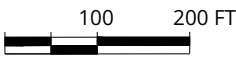


Legend

Site Property Boundary

Notes:

- 1. Aerial image obtained from Google Earth May 17, 2024.
- 2. Site reconnaissance conducted by Hanley Environmental on April 24, 2025.



HANLEY ENVIRONMENTAL, PLLC
323 MANNING DRIVE
CHARLOTTE, NORTH CAROLINA
SC ENGINEERING COA #6674

Date	5/5/25
Project No.	PJ22040
Drawn By	RPD
Revision No.	1

Title and Project
Subject Property Map
10424 Wilson Boulevard Blythewood, Richland County, South Carolina

Figure No.
2

APPENDIX A

User Questionnaire

**Phase I Environmental Site Assessment User Questionnaire
(ASTM E1527-21)**

This User Questionnaire is designed to address one of the requirements to satisfy the intent of the ASTM Standard E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Specifically, to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, the User (the Client) of Hanley Environmental's Phase I ESA report must provide the information addressed below (if available) to Hanley Environmental. Failure to provide this information could result in a determination that "all appropriate inquiries" (AAI) is not complete.

Subject Property Name: PALOMINO ESTATES APARTMENT HOMES

Subject Property Owner Name/Entity: Pedco Investments-2023-CXCIII, L.P.

Subject Property Address: 10424 Wilson Boulevard, Blythewood, SC

Contact for Site Access: Mike Byron

Contact for Key Site Manager¹: Mike Byron

User/Client Information:

Name: Michael S. Byron - PLLC Phone Number: 317-218-2702

Address: 770 Third Ave, S.W., Carmel, IN 46032

Date: 1/21/25

AAI-Required Information:

1. Is the User aware of environmental liens (federal, state, tribal, or local) associated with the subject property?

☒ No ☐ Yes

If yes, please attach an explanation and copies of environmental lien information.

¹ The Key Site Manager is someone with good knowledge of the uses and physical characteristics of the property.

2. Is the User aware of deed restrictions, engineering or institutional controls, or other Activity and Use Limitations (AULs) filed under federal, state, tribal, or local law associated with the subject property?

☒ No

☐ Yes

If yes, please attach an explanation and copies of AUL information.

3. Does the User possess specialized knowledge or experience related to the subject property or nearby properties? For example, is the User involved in the same line of business as the current or former occupants of the property or an adjoining property so that the User would have specialized knowledge of the chemicals and processes used by this type of business? Or does the user have documentation (e.g., Phase I ESA reports, subsurface investigation reports, etc.) for the subject property that may be relevant to the Phase I ESA?

☒ No

☐ Yes

If yes, please attach an explanation and relevant information.

4. If the property is being purchased, is the purchase price:

☐ less than fair market value?

☐ more than fair market value?

☒ equal to market value?

☐ The relationship to fair market value is unknown.

If the purchase price is less than fair market value, does the User consider that the difference may result from contamination known or believed to be present at the property?

☒ No

☐ Yes

If yes, please attach an explanation and relevant information.

5. Is the User aware of commonly known or reasonably ascertainable information about the property that would help 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?

☐ No

☒ Yes

If yes, please attach an explanation and relevant information.

- A previous Phase I and Phase II

6. Is the User aware of any obvious indicators that point to the presence or likely presence of releases at the property?

☒ No

☐ Yes

If yes, please attach an explanation and relevant Information

7. Are you aware of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property, (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property, and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products:

☒ No

☐ Yes

If yes, please attach an explanation and relevant Information

Additional Requested Information:

8. What is the User's reason for having the Phase I ESA performed?

☐ Purchase

☐ Lease

☒ Other (please attach explanation)

☐ Sale

☐ Loan

- To Apply for tax credits to S. C. Housing we need to have an updated Phase I.

The following information is needed for the assessment process. Please provide this information if it is available.

i) Legal description of property

ii) Tenant list

iii) Chain-of-title

iv) Site plans or surveys

v) Environmental assessment or audit reports

vi) Environmental permits

vii) Underground and above-ground storage tank information and/or registrations

viii) Safety data sheets for materials used at the property

ix) Community right to know plans

x) Hazardous waste generator permits, notices

xi) Asbestos surveys, abatement documentation, and O&M plans

xii) Geotechnical studies

APPENDIX B

Document Excerpts

List of Documents

- i) County Property Information Card
- ii) Subject Property Survey
- iii) ALTA Commitment for Title Insurance
- iv) Declarations of Covenants and Restrictions
- v) Mini Mart Corrective Action System Evaluation Report Excerpt
- vi) Phase I ESA Excerpt - 2005
- vii) Phase I ESA Excerpt – 2022
- viii) Phase II ESA Excerpt – 2023
- ix) Phase I ESA Excerpt – 2023
- x) Environmental Investigation Report Excerpt – 2023
- xi) Voluntary Cleanup Contract - 2023
- xii) Vapor Screening Report – May 2023
- xiii) Vapor Intrusion Mitigation Plan and SC DHEC Approval Letter – 2024
- xiv) Phase I ESA Excerpt – 2024

- xv) National Register of Historic Places
- xvi) SC ArchSite Public Web Map
- xvii) Flood Insurance Rate Map
- xviii) USFWS National Wetlands Inventory Map
- xix) Day/Night Noise Level Calculator
- xx) National Pipeline Mapping System
- xxi) South Carolina Nonattainment/Maintenance Status
- xxii) USFWS Coastal Barrier Resource System Map
- xxiii) USFWS Threatened/Endangered Species
- xxiv) Excerpt from 2010 Census Urbanized Area Reference Map
- xxv) US EPA Map of Sole Source Aquifer Locations
- xxvi) National Wild and Scenic Rivers System Map

Richland County, SC, Property Record Card

Tax Map Number: R15000-05-04
10424 WILSON BLVD BLYTHEWOOD SC
29016

PEDCORE INVESTMENTS 2023 CXCI LP
 770 3RD AVE SW
 CARMEL IN 460322036

Total Value
\$2,900

KEY INFORMATION

TMS #	R15000-05-04	Zoning	GC
Account #	00605688		
Secondary Zoning	-		
Owner	PEDCORE INVESTMENTS 2023 CXCI LP	Tax District	2DP
Situs Address	10424 WILSON BLVD	Legal Residence	No
Neighborhood	NORTHEAST BEYOND ALPINE RD - RURAL - COMM PROPERTIES	Sewer Connection	NONE
Legal Description	#SU #PR C-197 RB1062-967	Water Connection	NONE

ASSESSMENT INFORMATION

Assessment Year	2024
Market Non-Agric Value	-
Market Agric Value	\$2,900
Market Structure Value	-
Total Market Value	\$2,900
Total Taxable Value	\$2,900

TAX INFORMATION

Year	2024
Property Tax Relief	0.00
Local Opt Sales Credit	((4.64))
Tax Amount	\$61
Paid	Y
Homestead	N

LAND

Number of Acres	22.80	Neighborhood	NORTHEAST BEYOND ALPINE RD - RURAL - COMM PROPERTIES
-----------------	-------	--------------	--

BUILDINGS

No data to display

SALES HISTORY

BOOK	PAGE	SOLD AS VACANT	TRANSACTION DATE	TRANSACTION PRICE	GRANTEE	GRANTOR
2929	2729	0	06/05/2024	\$1,102,000	PEDCORE INVESTMENTS 2023 CXCIII LP	STOREY BARRY L & - NAN L EASTERLIN
R1229	1719	0	09/14/2006	\$975,000	STOREY BARRY L &	FOOD LION PLAZA PARTNERS
R1062	0971	0	06/09/2005	\$975,000	FOOD LION PLAZA PARTNERS	PARK STREET ASSOCIATES A
D782	0580	0	03/01/1986	\$300,000	PARK STREET ASSOCIATES A	DALE CATHERINE W ETAL
D694	0653	0	05/01/1984	*See Deed*	DALE CATHERINE W ETAL	DALE MAXINE L
-	0000	0	11/11/1911	*See Deed*	DALE MAXINE L	-

SERVICES INFORMATION

Address	10424 WILSON BLVD BLYTHEWOOD SC 29016	Garbage Coll. Day	Thursday
Municipality	-	Recycling Coll. Day	Thursday EOW-B
School District	Richland School District 2	Yard Trash Coll. Day	Thursday

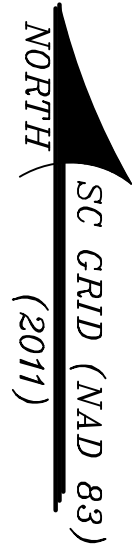
POLITICAL INFORMATION

Voting Precinct	Blythewood 3	SC Senate Dist.	19
Voting Location	Blythewood High School	SC Senate Rep.	Tameika Isaac Devine
County Council Dist.	2	SC House Dist.	77
County Council Rep.	Derrek Pugh	SC House Rep.	Kambrell H. Garvin
County Magistrate	JUDGE DIEDRA HIGHTOWER		



No Photo Available





N/F
CARL K. BROOKS
TMS# 15000-05-03
PB: 1638, PG. 3200

N/F
L&R TRUCKING COMPANY INC.
TMS# 17700-06-09
PB: 1638, PG. 3200

N/F
L&R TRUCKING COMPANY INC.
TMS# 17700-06-03
PB: Y, PG. 6183

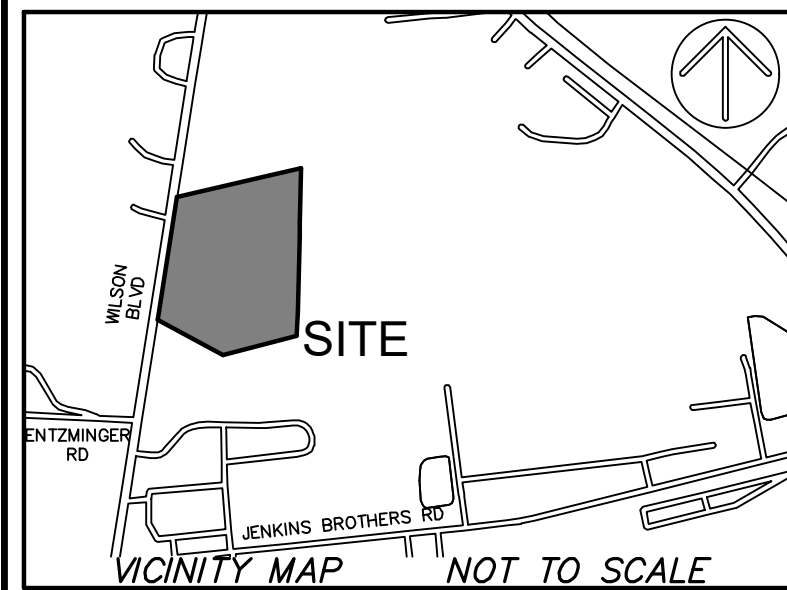
N/F
SANDRA W. & BILLY GORDON ALLRED
TMS# 17700-06-06
PB: 134, PG. 718

N/F
BARRY L. STOREY &
NAN S. EASTERLIN

TMS# R15000-05-04
DB: 1062 PG: 971
PB: 1062 PG: 967
983,440 Sq.Ft.
22.577 Ac.

N/F
MAG INVESTMENT GROUP LLC
TMS# 17700-06-07

N/F
OWENS CORNING NON-WOVEN
TMS# 17700-06-05
PB: 56, PG: 5828



- LEGEND
- CTP ● CRIMPED TOP PIPE
 - IPF ● IRON PIPE FOUND
 - RBF ● IRON REBAR FOUND
 - Rbfd ● IRON REBAR FOUND DISTURBED
 - RBS ○ IRON REBAR SET W/ CAP
 - x GUY WIRE
 - MAIL BOX
 - POWER POLE
 - PED TELEPHONE PEDESTAL
 - x FENCE LINE
 - OHP OVERHEAD POWER LINE
 - SD UNDERGROUND RCP DRAINAGE LINE
 - UFO UNDERGROUND FIBER OPTICS LINE
 - /// EDGE OF PAVEMENT
 - RCP REINFORCED CONCRETE PIPE
 - P.O.B. POINT OF BEGINNING

NOTES

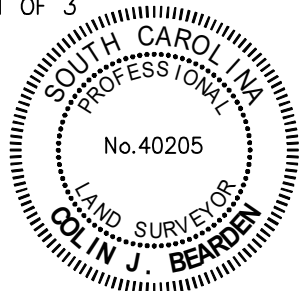
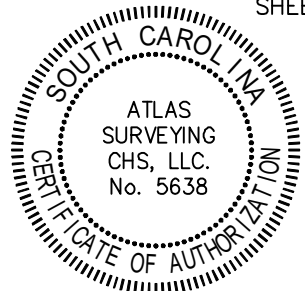
- THIS PARCEL LIES IN FLOOD ZONE X, COMMUNITY 450258, MAP NUMBER 45079C0137L, EFFECTIVE DATE 12/21/2017.
- HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE GRID (NAD 83-2011).
- PRECISION OF PLAT CLOSURE: 1:513,426
- THE EXISTENCE AND LOCATION OF THE SURFACE AND SUB-SURFACE UTILITIES SHOWN HEREON ARE BASED UPON AVAILABLE RECORDS AND SURFACE VISIBLE FEATURES ALONG WITH ELECTRONIC AND ACoustICAL EVIDENCE AS OF 8/29/2022. THE EXTENT AND LIABILITY OF THIS INFORMATION IS LIMITED TO THE STANDARDS OF CARE FOR A SPECIFIC UTILITY INVESTIGATION AS DEFINED BY THE AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) PUBLICATION 38-02. THE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES CANNOT BE DETERMINED WITHOUT EXPOSING THEM IN SOME WAY. PRIOR TO CONSTRUCTION OR EXCAVATION, IT IS REQUIRED BY LAW TO CONTACT THE STATE 811 UTILITY PROTECTION CENTER.
- THE PROPERTY IS ZONED GENERAL COMMERCIAL DISTRICT PER ZONING REPORT PROVIDED BY KIMLEY HORN.
- NO EARTH MOVING WORK, BUILDING CONSTRUCTION, OR BUILDING ADDITIONS WERE OBSERVED AT THE TIME THE FIELD WORK WAS COMPLETED.
- NO CHANGES TO EXISTING RIGHT OF WAY LINES OBSERVED AT THE TIME THE FIELD WORK WAS COMPLETED.
- NO CEMETERIES OR WETLANDS WERE OBSERVED AT THE TIME THE FIELD WORK WAS COMPLETED.
- THE SUBJECT PROPERTY IS VACANT LAND AND NO STRUCTURES OR OTHER PHYSICAL OBJECTS WERE OBSERVED ON THE PROPERTY.
- NO PARKING SPACES WERE OBSERVED ON THE PROPERTY.
- NO PARTY WALLS WERE OBSERVED ON THE PROPERTY.
- THERE IS AN APPARENT FENCE ENCROACHMENT ALONG THE NORTHERLY PROPERTY LINE.
- THE PROPERTY IS CURRENTLY ZONED GC, GENERAL COMMERCIAL (NO ZONING CHANGE PROPOSED).
- BUILDING SETBACKS ARE AS FOLLOWS: FRONT-25', REAR-10', SIDE-NONE, SIDE & REAR RESIDENTIAL ACCESSORY-5'.
- ZONING REPORT WAS PROVIDED BY MCKENZIE PUBLICOVER, PE, WITH KIMLEY-HORN ON 12-21-22.
- THE PROPERTY DIRECTLY ABUTS THE PUBLIC RIGHT-OF-WAY KNOWN AS WILSON BOULEVARD.

PREPARED FOR:
PEDCOR INVESTMENTS
AN ALTA/NSPS LAND TITLE SURVEY OF
LOT 1, 22.577 ACRES ON
#10424 WILSON BOULEVARD
TAX PARCEL No. R15000-05-04

TOWN OF BLYTHEWOOD
RICHLAND COUNTY, SOUTH CAROLINA

FIELD WORK:	SZ
FIELD CHECK:	CJB
DRAWN BY:	JRS
DATE:	01-10-2023
SCALE:	1"=40'
PROJECT No.:	CHS-22083
FILED OR-22083 ALTA/DWG	

SHEET 1 OF 3



I HEREBY STATE THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREIN WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARDS OF PRACTICE MANUAL FOR SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS "A" SURVEY AS SPECIFIED THEREIN.

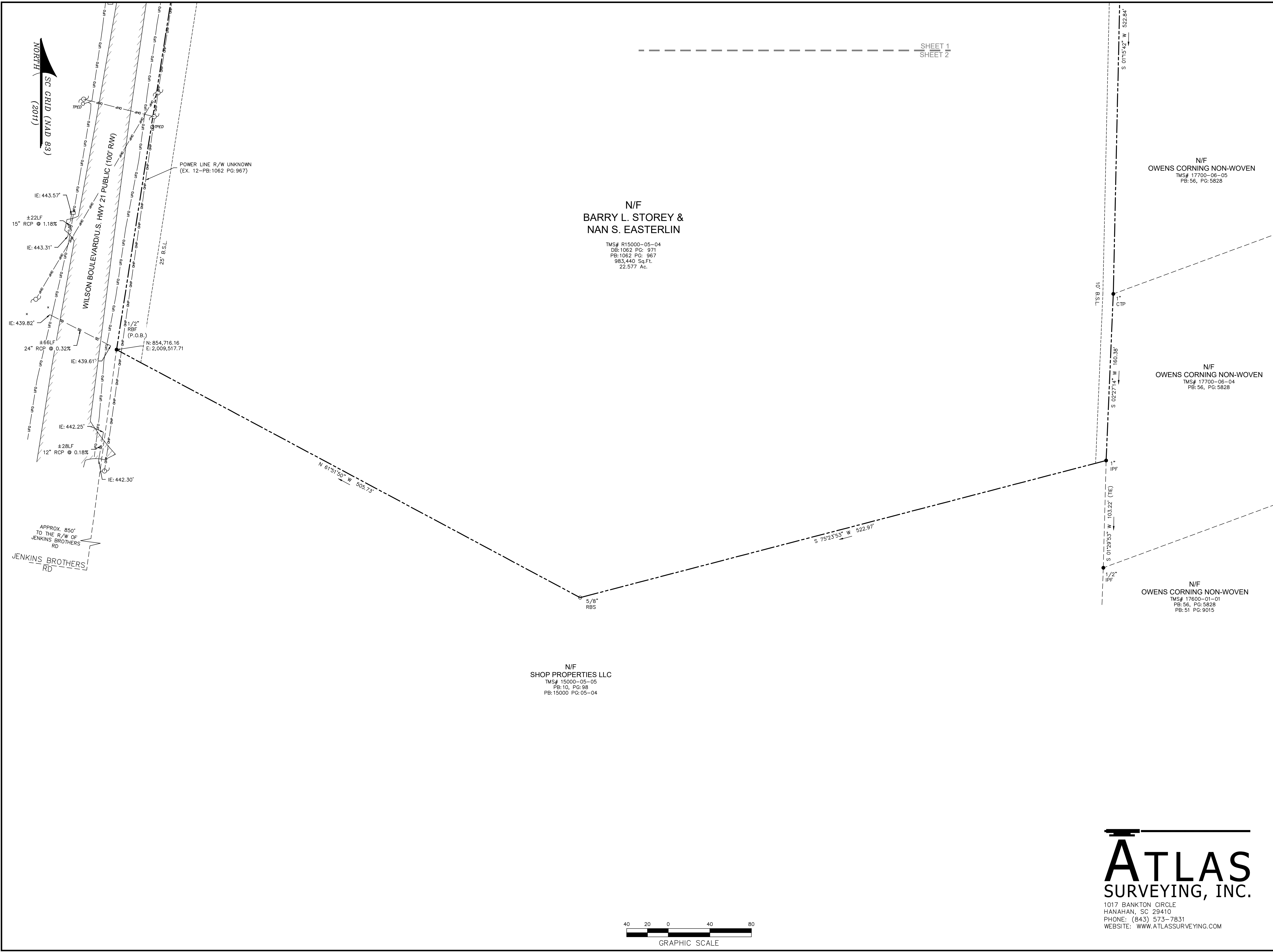
COLIN J. BEARDEN
SC.P.L.S. No. 40205
NOT VALID UNLESS CRIMPED WITH SEAL

ATLAS
SURVEYING, INC.

1017 BANKTON CIRCLE
HANAHAN, SC 29410
PHONE: (843) 573-7831
WEBSITE: WWW.ATLASSURVEYING.COM

SHEET 1
SHEET 2





VICINITY MAP
NOT TO SCALE

LEGEND

- CTP ● CRIMPED TOP PIPE
- IPF ● IRON PIPE FOUND
- RBF ● IRON REBAR FOUND
- Rbfd ● IRON REBAR FOUND DISTURBED
- RBS ○ IRON REBAR SET W/ CAP
- x GUY WIRE
- MAIL BOX
- POWER POLE
- TELEPHONE PEDESTAL
- x FENCE LINE
- OHF OVERHEAD POWER LINE
- SD UNDERGROUND RCP DRAINAGE LINE
- UFO UNDERGROUND FIBER OPTICS LINE
- EDGE OF PAVEMENT
- RCP REINFORCED CONCRETE PIPE
- P.O.B. POINT OF BEGINNING

NOTES

- THIS PARCEL LIES IN FLOOD ZONE X, COMMUNITY 450258, MAP NUMBER 45079C0137L, EFFECTIVE DATE 12/21/2017.
- HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE GRID (NAD 83-2011).
- PRECISION OF PLAT CLOSURE: 1:513,426
- THE EXISTENCE AND LOCATION OF THE SURFACE AND SUB-SURFACE UTILITIES SHOWN HEREON ARE BASED UPON AVAILABLE RECORDS AND SURFACE VISIBLE FEATURES ALONG WITH ELECTRONIC AND ACoustICAL EVIDENCE AS OF 8/29/2022. THE EXTENT AND LIABILITY OF THIS INFORMATION IS LIMITED TO THE STANDARDS OF CARE FOR A SPECIFIC UTILITY INVESTIGATION AS DEFINED BY THE AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) PUBLICATION 38-02. THE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES CANNOT BE DETERMINED WITHOUT EXPOSING THEM IN SOME WAY. PRIOR TO CONSTRUCTION OR EXCAVATION, IT IS REQUIRED BY LAW TO CONTACT THE STATE 811 UTILITY PROTECTION CENTER.
- THE PROPERTY IS ZONED GENERAL COMMERCIAL DISTRICT PER ZONING REPORT PROVIDED BY KIMLEY HORN.
- NO EARTH MOVING WORK, BUILDING CONSTRUCTION, OR BUILDING ADDITIONS WERE OBSERVED AT THE TIME THE FIELD WORK WAS COMPLETED.
- NO CHANGES TO EXISTING RIGHT OF WAY LINES OBSERVED AT THE TIME THE FIELD WORK WAS COMPLETED.
- NO CEMETERIES OR WETLANDS WERE OBSERVED AT THE TIME THE FIELD WORK WAS COMPLETED.
- THE SUBJECT PROPERTY IS VACANT LAND AND NO STRUCTURES OR OTHER PHYSICAL OBJECTS WERE OBSERVED ON THE PROPERTY.
- NO PARKING SPACES WERE OBSERVED ON THE PROPERTY.
- NO PARTY WALLS WERE OBSERVED ON THE PROPERTY.
- THERE IS AN APPARENT FENCE ENCROACHMENT ALONG THE NORTHERLY PROPERTY LINE.
- THE PROPERTY IS CURRENTLY ZONED GC, GENERAL COMMERCIAL (NO ZONING CHANGE PROPOSED).
- BUILDING SETBACKS ARE AS FOLLOWS: FRONT-25', REAR-10', SIDE-NONE, SIDE & REAR RESIDENTIAL ACCESSORY-5'.
- ZONING REPORT WAS PROVIDED BY McKENZIE PUBLICOVER, PE, WITH KIMLEY-HORN ON 12-21-22.
- THE PROPERTY DIRECTLY ABUTS THE PUBLIC RIGHT-OF-WAY KNOWN AS WILSON BOULEVARD.

PREPARED FOR:
PEDCOR INVESTMENTS

AN ALTA/NSPS LAND TITLE SURVEY OF
LOT 1, 22.577 ACRES ON
#10424 WILSON BOULEVARD

TAX PARCEL No. R15000-05-04

TOWN OF BLYTHEWOOD
RICHLAND COUNTY, SOUTH CAROLINA

FIELD WORK: SZ
FIELD CHECK: CJB
DRAWN BY: JRB
DATE: 01-10-2023
SCALE: 1"=40'
PROJECT No.: CHS-22083
FILED-08-22083 ALTA.DWG

SHEET 2 OF 3

ATLAS
SURVEYING
CHS, LLC
No. 5638

SOUTH CAROLINA
PROFESSIONAL LAND SURVEYOR
No. 40205
COLIN J. BEARDEN

I HEREBY STATE, THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREIN WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARDS OF PRACTICE MANUAL FOR SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS "A" SURVEY AS SPECIFIED THEREIN.

COLIN J. BEARDEN
SC.P.L.S. No. 40205
NOT VALID UNLESS CRIMPED WITH SEAL

FIRST AMERICAN TITLE INSURANCE COMPANY
COMMITMENT NUMBER: NCS-1137795-INDY
EFFECTIVE DATE: AUGUST 02, 2022 AT 8:00AM
SCHEDULE B PART II -- EXCEPTIONS

THIS COMMITMENT DOES NOT REPUBLISH ANY COVENANT, CONDITION, RESTRICTION, OR LIMITATION CONTAINED IN ANY DOCUMENT REFERRED TO IN THIS COMMITMENT TO THE EXTENT THAT THE SPECIFIC COVENANT, CONDITION, RESTRICTION, OR LIMITATION VIOLATES STATE OR FEDERAL LAW BASED ON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, GENDER IDENTITY, HANDICAP, FAMILIAL STATUS, OR NATIONAL ORIGIN.

THE POLICY WILL NOT INSURE AGAINST LOSS OR DAMAGE RESULTING FROM THE TERMS AND PROVISIONS OF ANY LEASE OR EASEMENT IDENTIFIED IN SCHEDULE A, AND WILL INCLUDE THE FOLLOWING EXCEPTIONS UNLESS CLEARED TO THE SATISFACTION OF THE COMPANY:

- ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I--REQUIREMENTS ARE MET.
- (A) TAXES OR ASSESSMENTS THAT ARE NOT SHOWN AS EXISTING LIENS BY THE RECORDS OF ANY TAXING AUTHORITY THAT LEVIES TAXES OR ASSESSMENTS ON REAL PROPERTY OR BY THE PUBLIC RECORDS; (B) PROCEEDINGS BY A PUBLIC AGENCY THAT MAY RESULT IN TAXES OR ASSESSMENTS, OR NOTICES OF SUCH PROCEEDINGS, WHETHER OR NOT SHOWN BY THE RECORDS OF SUCH AGENCY OR BY THE PUBLIC RECORDS.
- ANY FACTS, RIGHTS, INTERESTS, OR CLAIMS THAT ARE NOT SHOWN BY THE PUBLIC RECORDS BUT THAT COULD BE ASCERTAINED BY AN INSPECTION OF THE LAND OR THAT MAY BE ASSERTED BY PERSONS IN POSSESSION IN THE LAND.
- EASEMENTS, LIENS OR ENCUMBRANCES OR CLAIMS THEREOF, NOT SHOWN BY THE PUBLIC RECORDS.
- ANY ENCROACHMENT, ENCUMBRANCE, VIOLATION, VARIATION, OR ADVERSE CIRCUMSTANCE AFFECTING THE TITLE THAT WOULD BE DISCLOSED BY AN ACCURATE AND COMPLETE LAND SURVEY OF THE LAND AND NOT SHOWN BY THE PUBLIC RECORDS.
- ANY MINERALS OR MINERAL RIGHTS LEASED, GRANTED OR RETAINED BY CURRENT OR PRIOR OWNERS.

NOTE: EXCEPTION NUMBERED ONE (1) THROUGH SIX (6) ABOVE WILL BE HEREBY DELETED UPON ISSUANCE OF THE LOAN POLICY ONLY.
- TAXES AND ASSESSMENTS FOR THE YEAR 2022 AND SUBSEQUENT YEARS, NOT YET DUE AND PAYABLE.
- THIS POLICY DOES NOT INSURE AGAINST ANY LOSS OR DAMAGE WHICH MIGHT ARISE OUT OF ROLL-BACK TAXES AS CONTEMPLATED UNDER SECTION 12-43-220, SOUTH CAROLINA CODE OF LAWS, 1976, AS AMENDED.
- POSSIBLE TAX LIEN IN FAVOR OF THE STATE OF SOUTH CAROLINA PURSUANT TO SECTION 12-54-124 OF THE SOUTH CAROLINA CODE. THIS EXCEPTION WILL BE REMOVED UPON RECEIPT OF CERTIFICATE OF TAX COMPLIANCE ISSUED BY THE SC DEPARTMENT OF REVENUE OR A TRANSFEROR AFFIDAVIT TAX LIEN INAPPLICABLE EXECUTED BY THE SELLER IN THE FORM PRESCRIBED BY THE SC DEPARTMENT OF REVENUE AS SET FORTH IN THE REQUIREMENTS SECTION HEREIN.
- THIS ITEM HAS BEEN INTENTIONALLY DELETED.
- THE COMPANY INSURES THE INSURED AS TO THE LOCATION OF THE BOUNDARY LINES OF THE LAND, BUT DOES NOT INSURE THE ENGINEERING CALCULATIONS IN COMPUTING THE AMOUNT OF ACREAGE CONTAINED THEREIN.
- EASEMENTS, SETBACK LINES AND ANY OTHER FACTS SHOWN ON THAT PLAT IN BOOK C, PAGE(S) 197; BOOK 52, PAGE 5304 AND BOOK 1062, PAGE 967, ALL OF THE RICHLAND COUNTY REGISTRY, REFERENCE BEING MADE TO THE RECORDS THEREOF FOR THE FULL PARTICULARS. (AFFECTS PROPERTY, AS SHOWN HEREON)
- THIS ITEM HAS BEEN INTENTIONALLY DELETED.

NOTE: UPON COMPLIANCE WITH ANY AND ALL REQUIREMENTS FOR ISSUANCE, THE FOLLOWING ENDORSEMENT(S) WILL BE ATTACHED TO AND INCORPORATED BY REFERENCE INTO THE POLICY OR POLICIES TO BE ISSUED: TBD

COMMITMENT LEGAL DESCRIPTION:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF RICHLAND, STATE OF SC, AND IS DESCRIBED AS FOLLOWS:

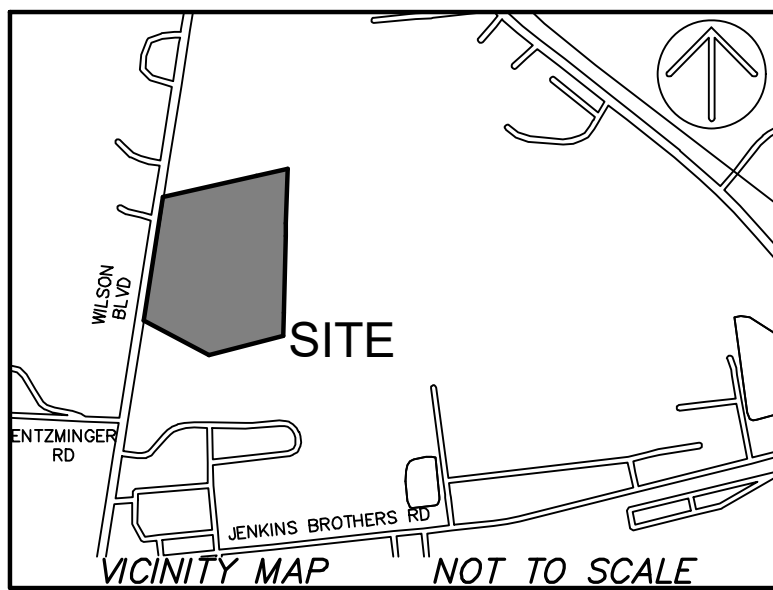
RICHLAND COUNTY, SOUTH CAROLINA

ALL THAT CERTAIN PIECE, PARCEL OR LOT OF LAND, SITUATE, LYING AND BEING ON U.S. HIGHWAY 21 NEAR THE TOWN OF BLYTHEWOOD, IN THE COUNTY OF RICHLAND AND STATE OF SOUTH CAROLINA, BEING MORE PARTICULARLY SHOWN AS 22.80 ACRES ON A PLAT PREPARED FOR BERT STOREY ASSOCIATES BY ASSOCIATED E & S, INC., DATED FEBRUARY 8, 2005 AND RECORDED IN PLAT BOOK 1062 AT PAGE 967 HAVING THE FOLLOWING BOUNDARIES AND MEASUREMENTS TO WIT: BEGINNING AT THE NORTHEASTERN CORNER OF THE PARCEL WHERE IT IS BOUNDED BY LANDS NOW OR FORMERLY OF SHELLEY TO THE NORTHWEST AND LANDS NOW OR FORMERLY OF CAROLINA PINES PROPERTIES TO THE EAST AT A POINT MARKED BY A 1/2" REBAR PIN AND THENCE PROCEEDING ON A BEARING OF SOUTH 03°58'13" WEST FOR A DISTANCE OF 371.64 FEET; THENCE SOUTH 03°58'12" WEST FOR A DISTANCE OF 90.60 FEET; THENCE SOUTH 04°06'22" WEST FOR A DISTANCE OF 683.12 FEET; THENCE SOUTH 77°57'36" WEST FOR A DISTANCE OF 523.02 FEET; THENCE NORTH 59°18'24" WEST FOR A DISTANCE OF 505.88 FEET; THENCE NORTH 59°18'24" WEST FOR A DISTANCE OF 13.34 FEET; THENCE NORTH 11°28'53" EAST FOR A DISTANCE OF 844.54 FEET; THENCE NORTH 79°39'27" WEST FOR A DISTANCE OF 12.75 FEET; THENCE NORTH 79°39'27" EAST FOR A DISTANCE OF 872.46 FEET BACK TO THE STARTING POINT; SUCH PARCEL BEING BOUNDED AS FOLLOWS: ON THE EAST BY LANDS NOW OR FORMERLY OF CAROLINA PINES PROPERTIES AND LANDS NOW OR FORMERLY OF BRODON INDUSTRIES, INC.; ON THE SOUTH BY LANDS NOW OR FORMERLY OF LARRY SHARPE; ON THE WEST BY U.S. HIGHWAY NO. 21; AND ON THE NORTH BY LANDS NOW OR FORMERLY OF SHELLEY. ALL MEASUREMENTS BEING A LITTLE MORE OR LESS.

SURVEYED LEGAL DESCRIPTION:

BEGINNING AT A 1/2" REBAR FOUND;
THENCE N 08°51'34" E A DISTANCE OF 853.51' TO A 5/8" IRON REBAR FOUND DISTURBED;
THENCE N 77°03'54" E A DISTANCE OF 654.84' TO A 1/2" IRON REBAR FOUND;
THENCE N 77°07'22" E A DISTANCE OF 217.52' TO A 1/2" IRON REBAR FOUND;
THENCE S 01°23'20" W A DISTANCE OF 371.67' TO A 1/2" IRON PIPE FOUND;
THENCE S 01°27'10" W A DISTANCE OF 90.55' TO A 1/2" IRON PIPE FOUND;
THENCE S 01°15'42" W A DISTANCE OF 522.84' TO A 1" CRIMPED TOP PIPE;
THENCE S 02°27'14" W A DISTANCE OF 160.38' TO A 1" IRON PIPE FOUND;
THENCE S 75°23'53" W A DISTANCE OF 522.97' TO A 5/8" IRON REBAR SET;
THENCE N 61°51'50" W A DISTANCE OF 505.73' TO A 1/2" IRON REBAR FOUND;
SAID REBAR BEING THE TRUE POINT OF BEGINNING, HAVING AN AREA OF 983,440 SQUARE FEET, 22.577 ACRES

PROPERTY DESCRIBED HEREIN IS THE SAME AS DESCRIBED IN THE COMMITMENT LEGAL DESCRIPTION ABOVE.



LEGEND

- CTP ● CRIMPED TOP PIPE
- IPF ● IRON PIPE FOUND
- RBF ● IRON REBAR FOUND
- RBFD ● IRON REBAR FOUND DISTURBED
- RBS ○ IRON REBAR SET W/ CAP
- x GUY WIRE
- MAIL BOX
- POWER POLE
- TELEPHONE PEDESTAL
- x — FENCE LINE
- OHP — OVERHEAD POWER LINE
- SD — UNDERGROUND RCP DRAINAGE LINE
- UPO — UNDERGROUND FIBER OPTICS LINE
- ////// EDGE OF PAVEMENT
- RCP REINFORCED CONCRETE PIPE
- P.O.B. POINT OF BEGINNING

NOTES

- THIS PARCEL LIES IN FLOOD ZONE X, COMMUNITY 450258, MAP NUMBER 45079C0137L, EFFECTIVE DATE 12/21/2017.
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- NO PARTY WALLS WERE OBSERVED ON THE PROPERTY.
- THE PROPERTY DIRECTLY ABUTS THE PUBLIC RIGHT-OF-WAY KNOWN AS WILSON BOULEVARD.

PREPARED FOR: PEDCOR INVESTMENTS

AN ALTA/NSPS LAND TITLE SURVEY OF

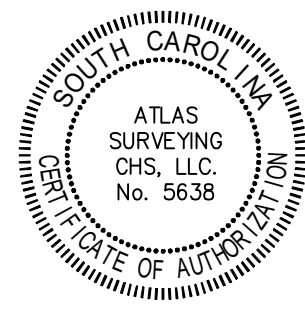
LOT 1, 22.577 ACRES ON
#10424 WILSON BOULEVARD

TAX PARCEL No. R15000-05-04

TOWN OF BLYTHEWOOD
RICHLAND COUNTY, SOUTH CAROLINA

FIELD WORK: SZ
FIELD CHECK: CJB
DRAWN BY: JRS
DATE: 01-10-2023
SCALE: 1"=250'
PROJECT No.: CHS-22083
FILE:CHS-22083 ALTA/INDY

SHEET 3 OF 3



I HEREBY STATE THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREIN WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARDS OF PRACTICE MANUAL FOR SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS "A" SURVEY AS SPECIFIED THEREIN.

ATLAS

SURVEYING, INC.

1017 BANKTON CIRCLE
HANAHAN, SC 29410
PHONE: (843) 573-7831
WEBSITE: WWW.ATLASSURVEYING.COM

SURVEYOR'S CERTIFICATE

THE UNDERSIGNED, BEING A REGISTERED SURVEYOR OF THE STATE OF SOUTH CAROLINA, CERTIFIES TO: FIRST AMERICAN TITLE INSURANCE COMPANY, PEDCOR INVESTMENTS, A LIMITED LIABILITY COMPANY, ITS SUCCESSORS AND/OR ASSIGNS AS FOLLOWS:

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 1-4, 6(A)(B), 7(A), 8-10, 11(A)(B), 12-13, 16-18, ON TABLE A THEREOF, THE FIELD WORK WAS COMPLETED ON 10-18-2022.

DATE OF PLAT: 01-10-2023

COLIN J. BEARDEN
SC.P.L.S. No. 40205
NOT VALID UNLESS CRIMPED WITH SEAL

01-10-2023

COLIN J. BEARDEN
SC.P.L.S. No. 40205
NOT VALID UNLESS CRIMPED WITH SEAL





First American

Commitment

ALTA Commitment for Title Insurance

ISSUED BY

First American Title Insurance Company

File No: NCS-1137795-INDY

COMMITMENT FOR TITLE INSURANCE

Issued By

FIRST AMERICAN TITLE INSURANCE COMPANY

NOTICE

IMPORTANT-READ CAREFULLY: THIS COMMITMENT IS AN OFFER TO ISSUE ONE OR MORE TITLE INSURANCE POLICIES. ALL CLAIMS OR REMEDIES SOUGHT AGAINST THE COMPANY INVOLVING THE CONTENT OF THIS COMMITMENT OR THE POLICY MUST BE BASED SOLELY IN CONTRACT.

THIS COMMITMENT IS NOT AN ABSTRACT OF TITLE, REPORT OF THE CONDITION OF TITLE, LEGAL OPINION, OPINION OF TITLE, OR OTHER REPRESENTATION OF THE STATUS OF TITLE. THE PROCEDURES USED BY THE COMPANY TO DETERMINE INSURABILITY OF THE TITLE, INCLUDING ANY SEARCH AND EXAMINATION, ARE PROPRIETARY TO THE COMPANY, WERE PERFORMED SOLELY FOR THE BENEFIT OF THE COMPANY, AND CREATE NO EXTRACTIONAL LIABILITY TO ANY PERSON, INCLUDING A PROPOSED INSURED.


THE COMPANY'S OBLIGATION UNDER THIS COMMITMENT IS TO ISSUE A POLICY TO A PROPOSED INSURED IDENTIFIED IN SCHEDULE A IN ACCORDANCE WITH THE TERMS AND PROVISIONS OF THIS COMMITMENT. THE COMPANY HAS NO LIABILITY OR OBLIGATION INVOLVING THE CONTENT OF THIS COMMITMENT TO ANY OTHER PERSON.

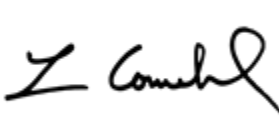
COMMITMENT TO ISSUE POLICY

Subject to the Notice; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions; and the Commitment Conditions, **First American Title Insurance Company**, a Nebraska Corporation (the "Company"), commits to issue the Policy according to the terms and provisions of this Commitment. This Commitment is effective as of the Commitment Date shown in Schedule A for each Policy described in Schedule A, only when the Company has entered in Schedule A both the specified dollar amount as the Proposed Policy Amount and the name of the Proposed Insured.

If all of the Schedule B, Part I-Requirements have not been met within six months after the Commitment Date, this Commitment terminates and the Company's liability and obligation end.

FIRST AMERICAN TITLE INSURANCE COMPANY

By: 
Kenneth D. DeGiorgio, President

By: 
Lisa W. Cornehl, Secretary

If this jacket was created electronically, it constitutes an original document.

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions.

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COMMITMENT CONDITIONS

1. DEFINITIONS

- (a) "Knowledge" or "Known": Actual or imputed knowledge, but not constructive notice imparted by the Public Records.
- (b) "Land": The land described in Schedule A and affixed improvements that by law constitute real property. The term "Land" does not include any property beyond the lines of the area described in Schedule A, nor any right, title, interest, estate, or easement in abutting streets, roads, avenues, alleys, lanes, ways, or waterways, but this does not modify or limit the extent that a right of access to and from the Land is to be insured by the Policy.
- (c) "Mortgage": A mortgage, deed of trust, or other security instrument, including one evidenced by electronic means authorized by law.
- (d) "Policy": Each contract of title insurance, in a form adopted by the American Land Title Association, issued or to be issued by the Company pursuant to this Commitment.
- (e) "Proposed Insured": Each person identified in Schedule A as the Proposed Insured of each Policy to be issued pursuant to this Commitment.
- (f) "Proposed Policy Amount": Each dollar amount specified in Schedule A as the Proposed Policy Amount of each Policy to be issued pursuant to this Commitment.
- (g) "Public Records": Records established under state statutes at the Commitment Date for the purpose of imparting constructive notice of matters relating to real property to purchasers for value and without Knowledge.
- (h) "Title": The estate or interest described in Schedule A.

2. If all of the Schedule B, Part I—Requirements have not been met within the time period specified in the Commitment to Issue Policy, this Commitment terminates and the Company's liability and obligation end.

3. The Company's liability and obligation is limited by and this Commitment is not valid without:

- (a) the Notice;
- (b) the Commitment to Issue Policy;
- (c) the Commitment Conditions;
- (d) Schedule A;
- (e) Schedule B, Part I—Requirements; and
- (f) Schedule B, Part II—Exceptions.

4. COMPANY'S RIGHT TO AMEND

The Company may amend this Commitment at any time. If the Company amends this Commitment to add a defect, lien, encumbrance, adverse claim, or other matter recorded in the Public Records prior to the Commitment Date, any liability of the Company is limited by Commitment Condition 5. The Company shall not be liable for any other amendment to this Commitment.

5. LIMITATIONS OF LIABILITY

- (a) The Company's liability under Commitment Condition 4 is limited to the Proposed Insured's actual expense incurred in the interval between the Company's delivery to the Proposed Insured of the Commitment and the delivery of the amended Commitment, resulting from the Proposed Insured's good faith reliance to:
 - (i) comply with the Schedule B, Part I—Requirements;
 - (ii) eliminate, with the Company's written consent, any Schedule B, Part II—Exceptions; or
 - (iii) acquire the Title or create the Mortgage covered by this Commitment.
- (b) The Company shall not be liable under Commitment Condition 5(a) if the Proposed Insured requested the amendment or had Knowledge of the matter and did not notify the Company about it in writing.
- (c) The Company will only have liability under Commitment Condition 4 if the Proposed Insured would not have incurred the expense had the Commitment included the added matter when the Commitment was first delivered to the Proposed Insured.
- (d) The Company's liability shall not exceed the lesser of the Proposed Insured's actual expense incurred in good faith and described in Commitment Conditions 5(a)(i) through 5(a)(iii) or the Proposed Policy Amount.
- (e) The Company shall not be liable for the content of the Transaction Identification Data, if any.
- (f) In no event shall the Company be obligated to issue the Policy referred to in this Commitment unless all of the Schedule B, Part I—Requirements have been met to the satisfaction of the Company.
- (g) In any event, the Company's liability is limited by the terms and provisions of the Policy.

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I—Requirements; Schedule B, Part II—Exceptions.

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6. LIABILITY OF THE COMPANY MUST BE BASED ON THIS COMMITMENT

- (a) Only a Proposed Insured identified in Schedule A, and no other person, may make a claim under this Commitment.
- (b) Any claim must be based in contract and must be restricted solely to the terms and provisions of this Commitment.
- (c) Until the Policy is issued, this Commitment, as last revised, is the exclusive and entire agreement between the parties with respect to the subject matter of this Commitment and supersedes all prior commitment negotiations, representations, and proposals of any kind, whether written or oral, express or implied, relating to the subject matter of this Commitment.
- (d) The deletion or modification of any Schedule B, Part II—Exception does not constitute an agreement or obligation to provide coverage beyond the terms and provisions of this Commitment or the Policy.
- (e) Any amendment or endorsement to this Commitment must be in writing and authenticated by a person authorized by the Company.
- (f) When the Policy is issued, all liability and obligation under this Commitment will end and the Company's only liability will be under the Policy.

7. IF THIS COMMITMENT HAS BEEN ISSUED BY AN ISSUING AGENT

The issuing agent is the Company's agent only for the limited purpose of issuing title insurance commitments and policies. The issuing agent is not the Company's agent for the purpose of providing closing or settlement services.

8. PRO-FORMA POLICY

The Company may provide, at the request of a Proposed Insured, a pro-forma policy illustrating the coverage that the Company may provide. A pro-forma policy neither reflects the status of Title at the time that the pro-forma policy is delivered to a Proposed Insured, nor is it a commitment to insure.

9. ARBITRATION

The Policy contains an arbitration clause. All arbitrable matters when the Proposed Policy Amount is \$2,000,000 or less shall be arbitrated at the option of either the Company or the Proposed Insured as the exclusive remedy of the parties. A Proposed Insured may review a copy of the arbitration rules at <http://www.alta.org/arbitration>.

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions.

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First American

Schedule A

ALTA Commitment for Title Insurance

ISSUED BY

First American Title Insurance Company

File No: NCS-1137795-INDY

Transaction Identification Data for reference only:

Issuing Agent: First American Title Insurance Company National Commercial Services

Issuing Office: 211 N. Pennsylvania Street, Suite 1250, Indianapolis, IN 46204

Issuing Office's ALTA® Registry ID:

Loan ID No.:

Commitment No.: NCS-1137795-INDY

Issuing Office File No.: 2208-2347

Property Address: 10424 Wilson Boulevard, Blythewood, SC

Revision No.: Rev. 01/10/2023: updated eff. date; JLS

SCHEDULE A

1. Commitment Date: December 26, 2022 at 8:00 AM
2. Policy to be issued:
 - (a) ☒ ALTA® Owner's Policy
Proposed Insured: Pedcor Investments, A Limited Liability Company
Proposed Policy Amount: \$1,102,000.00
 - (b) ☒ ALTA® Loan Policy
Proposed Insured: TBD
Proposed Policy Amount: \$TBD
 - (c) ☐ ALTA® Policy
Proposed Insured:
Proposed Policy Amount: \$
3. The estate or interest in the Land described or referred to in this Commitment is

Fee Simple

4. The Title is, at the Commitment Date, vested in: Barry L. Storey (an undivided 50.0% interest) and Nan L. Easterlin (an undivided 50.0% interest), as tenants in common
5. The Land is described as follows:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

FIRST AMERICAN TITLE INSURANCE COMPANY

By:

Authorized Signatory

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions.

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First American

Schedule BI & BII

ALTA Commitment for Title Insurance

ISSUED BY

First American Title Insurance Company

File No: NCS-1137795-INDY

Commitment No.: NCS-1137795-INDY

SCHEDULE B, PART I

Requirements

All of the following Requirements must be met:

1. The Proposed Insured must notify the Company in writing of the name of any party not referred to in this Commitment who will obtain an interest in the Land or who will make a loan on the Land. The Company may then make additional Requirements or Exceptions.
2. Pay the agreed amount for the estate or interest to be insured.
3. Pay the premiums, fees, and charges for the Policy to the Company.
4. Pay all taxes and/or assessments, levied and assessed against the land, which are due and payable.
5. Documents satisfactory to the Company that convey the Title or create the Mortgage to be insured, or both, must be properly authorized, executed, delivered, and recorded in the Public Records.
 - a. Properly executed and recorded Deed from Barry L. Storey (an undivided 50.0% interest) and Nan L. Easterlin (an undivided 50.0% interest), as tenants in common to A Natural Person or Legal Entity to Be Designated, conveying the insured property.
6. We must be furnished with a copy of SCID 3601 executed pursuant to Section 38-75-960 S. C. Code of Laws 1976, as amended, and an executed Notice of Availability of Title Insurance pursuant to S. C. Insurance Department Regulation R-69-18, Vol. 25A of S. C. Code of Laws 1976, as amended.
7. Seller's/Owner's Affidavit Indemnity executed by current owner(s) of the land on a form to be supplied by the Company stating that there have been no improvements to the land within the past 90 days which could give rise to a construction lien and that there are no accounts or claims pending and unpaid which could constitute a lien against the land. The affidavit will also state that affiant has no knowledge of any natural person or legal entity who has or could have a claim of right, interest or lien adverse to the Insured.
8. Receipt of the acknowledged First American Title Insurance Company Privacy Policy.
9. Company must be furnished full disclosure of the Terms of Transaction in connection with this Commitment for the premises described herein and Commitment may be amended accordingly.
10. Company to be provided with a list of endorsements, if any, to be issued in conjunction with this policy.

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11. Company to be provided with the necessary information and/or documentation to complete requested endorsements, if any.
12. The following requirements apply to a conveyance of real property:
 - a. The Company requires a fully completed and executed Affidavit for Taxable or Exempt Transfers be attached to the Deed sent for recording.
 - b. The company must be provided with a Certificate of Tax Compliance issued by the SC Department of Revenue or a Transferor Affidavit Tax Lien Inapplicable executed by the Seller in the form prescribed by the SC Department of Revenue.
 - c. The Company requires Form I-295 be completed by seller and submitted to the settlement agent that will be closing the transaction.
13. Evidence satisfactory to the Company that the business entity(-ies), whether a corporation, limited liability company, limited partnership, partnership, or the like, which are selling, purchasing, or mortgaging the land described in Schedule A, is/are properly formed, in existence and good standing in their state of formation, and that the instruments to be insured have been properly authorized and executed by all necessary parties.
14. The actual value of the estate or interest to be insured must be disclosed to the Company and, subject to approval by the Company, entered as the amount of the Policy to be issued. Until the amount of the policy to be issued shall be determined and entered as aforesaid, it is agreed by and between the Company, the applicant for this Commitment, and every person relying on this Commitment, that the Company cannot be required to approve any such evaluation in excess of \$1,000.00, and the total liability of the Company on account of this Commitment shall not exceed said amount.
15. NOTE: This Company reserves the right to make additional requirements and exceptions as necessary upon the receipt and examination of the above-referenced documentation.
16. The Company must be provided satisfactory evidence that the transaction has been completed in compliance with South Carolina Law regarding the unauthorized practice of law.
17. The Company requires receipt of a properly executed Gap Indemnity in favor of Harbor City Title Insurance Agency of NC, Inc. and First American Title Insurance Company.

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First American

Schedule BI & BII (Cont.)

ALTA Commitment for Title Insurance

ISSUED BY

First American Title Insurance Company

File No: NCS-1137795-INDY

Commitment No.: NCS-1137795-INDY

SCHEDULE B, PART II

Exceptions

THIS COMMITMENT DOES NOT REPUBLISH ANY COVENANT, CONDITION, RESTRICTION, OR LIMITATION CONTAINED IN ANY DOCUMENT REFERRED TO IN THIS COMMITMENT TO THE EXTENT THAT THE SPECIFIC COVENANT, CONDITION, RESTRICTION, OR LIMITATION VIOLATES STATE OR FEDERAL LAW BASED ON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, GENDER IDENTITY, HANDICAP, FAMILIAL STATUS, OR NATIONAL ORIGIN.

The Policy will not insure against loss or damage resulting from the terms and provisions of any lease or easement identified in Schedule A, and will include the following Exceptions unless cleared to the satisfaction of the Company:

1. Any defect, lien, encumbrance, adverse claim, or other matter that appears for the first time in the Public Records or is created, attaches, or is disclosed between the Commitment Date and the date on which all of the Schedule B, Part I-Requirements are met.
2. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
3. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession in the Land.
4. Easements, liens or encumbrances or claims thereof, not shown by the Public Records.
5. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
6. Any minerals or mineral rights leased, granted or retained by current or prior owners.

NOTE: Exception Numbered one (1) through six (6) above will be hereby deleted upon issuance of the Loan Policy Only.

7. Taxes and assessments for the year 2022 and subsequent years, not yet due and payable.
8. This policy does not insure against any loss or damage which might arise out of roll-back taxes as contemplated under Section 12-43-220, South Carolina Code of Laws, 1976, as amended.

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9. Possible tax lien in favor of the State of South Carolina pursuant to Section 12-54-124 of the South Carolina Code. This exception will be removed upon receipt of Certificate of Tax Compliance issued by the SC Department of Revenue or a Transferor Affidavit Tax Lien Inapplicable executed by the Seller in the form prescribed by the SC Department of Revenue as set forth in the requirements section herein.
10. This item has been intentionally deleted.
11. The Company insures the Insured as to the location of the boundary lines of the land, but does not insure the engineering calculations in computing the amount of acreage contained therein.
12. Easements, Setback Lines and any other facts shown on that Plat in Book C, Page(s) 197; Book 52, Page 5304 and Book 1062, Page 967, all of the Richland County Registry, reference being made to the records thereof for the full particulars. As plotted by Colin J. Bearden on a survey prepared by Atlas Surveying, Inc. dated October 27, 2022 and designated Project No. CHS-22083 (the "Survey").
13. This item has been intentionally deleted after survey review.

Note: Upon compliance with any and all requirements for issuance, the following endorsement(s) will be attached to and incorporated by reference into the Policy or Policies to be issued:

TBD

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First American

Exhibit A

ALTA Commitment for Title Insurance

ISSUED BY

First American Title Insurance Company

File No: NCS-1137795-INDY

Commitment No.: NCS-1137795-INDY

The land referred to herein below is situated in the County of Richland, State of SC, and is described as follows:

RICHLAND COUNTY, SOUTH CAROLINA

ALL THAT CERTAIN PIECE, PARCEL OR LOT OF LAND, SITUATE, LYING AND BEING ON U.S. HIGHWAY 21 NEAR THE TOWN OF BLYTHEWOOD, IN THE COUNTY OF RICHLAND AND STATE OF SOUTH CAROLINA, BEING MORE PARTICULARLY SHOWN AS 22.80 ACRES ON A PLAT PREPARED FOR BERT STOREY ASSOCIATES BY ASSOCIATED E & S, INC., DATED FEBRUARY 8, 2005 AND RECORDED IN PLAT BOOK 1062 AT PAGE 967 HAVING THE FOLLOWING BOUNDARIES AND MEASUREMENTS TO WIT: BEGINNING AT THE NORTHEASTERN CORNER OF THE PARCEL WHERE IT IS BOUNDED BY LANDS NOW OR FORMERLY OF SHELLEY TO THE NORTHWEST AND LANDS NOW OR FORMERLY OF CAROLINA PINES PROPERTIES TO THE EAST AT A POINT MARKED BY A 1/2" REBAR PIN AND THENCE PROCEEDING ON A BEARING OF SOUTH 03°58'13" WEST FOR A DISTANCE OF 371.64 FEET; THENCE SOUTH 03°58'32" WEST FOR A DISTANCE OF 90.60 FEET; THENCE SOUTH 04°06'22" WEST FOR A DISTANCE OF 683.12 FEET; THENCE SOUTH 77°57'36" WEST FOR A DISTANCE OF 523.02 FEET; THENCE NORTH 59°18'24" WEST FOR A DISTANCE OF 505.88 FEET; THENCE NORTH 59°18'24" WEST FOR A DISTANCE OF 13.34 FEET; THENCE NORTH 11°28'53" EAST FOR A DISTANCE OF 844.54 FEET; THENCE NORTH 79°39'27" WEST FOR A DISTANCE OF 12.75 FEET; THENCE NORTH 79°39'27" EAST FOR A DISTANCE OF 872.46 FEET BACK TO THE STARTING POINT; SUCH PARCEL BEING BOUNDED AS FOLLOWS: ON THE EAST BY LANDS NOW OR FORMERLY OF CAROLINA PINES PROPERTIES AND LANDS NOW OR FORMERLY OF BRODON INDUSTRIES, INC.; ON THE SOUTH BY LANDS NOW OR FORMERLY OF LARRY SHARPE; ON THE WEST BY U.S. HIGHWAY NO. 21; AND ON THE NORTH BY LANDS NOW OR FORMERLY OF SHELLEY. ALL MEASUREMENTS BEING A LITTLE MORE OR LESS.

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June 7, 2024

VIA EMAIL & U.S. MAIL

Ms. Sophia Owens
Brownfields Voluntary Cleanup Program
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, SC 29201

Lesley A. Firestone
Attorney at Law

T 843 579 7027
F 843 579 8720
lesleyfirestone@mvalaw.com

Moore & Van Allen PLLC

78 Wentworth Street
Charleston, SC 29401-1428

Mailing Address:
Post Office Box 22828
Charleston, SC 29413-2828

**Re: Non-Responsible Party Voluntary Cleanup Contract # 23-7758-NRP
In the Matter of Storey Property, Richland County and Pedcor Investments-2023-
CXCIH, L.P.
MVA File No.: 049431.2**

Dear Ms. Owens:

Pursuant to Section 9(C) of the above-referenced Voluntary Cleanup Contract (the "Contract"), enclosed please find a copy of the recorded Declarations of Covenants and Restrictions (the "Declarations") with respect to the property located at 10424 Wilson Boulevard, Richland County, South Carolina. Now that the response actions are completed and the Declarations have been recorded pursuant to the Contract, Pedcor Investments-2023-CXCIH, L.P. requests that the Department issue a Certificate of Completion pursuant to S.C. Code Ann. § 44-56-750(C)(1).

Thank you for your and the Department's assistance with this Contract; it has been a pleasure to work with you. Please contact me at (843) 579-7027 if there are any questions.

Yours very truly,

MOORE & VAN ALLEN PLLC



Lesley A. Firestone

LAF

conveyed, leased, occupied, and used subject to VCC 23-7758-NRP dated, May 26, 2023, to include the following restrictions, which shall touch and concern and run with the title to the Property.

1. Groundwater beneath the Property shall not be used for any purpose without prior written approval from the Department or its successor agency.
2. The Property shall not be used for the following purposes: (a) single family residences including patio homes, townhomes, or any other residential developments that would serve to subdivide the Property and include individually owned units and controlled land; (b) agricultural use; or (c) active outdoor recreational use, such as playgrounds or athletic fields, without engineered controls or other reasonable contamination control measures, which shall serve to prevent human exposure to soil, without prior approval of the Department or its successor agency.
3. All structures intended for human occupancy shall be constructed with vapor intrusion mitigation measures that have been certified to be effective for the proposed structure by a Professional Engineer duly-licensed in South Carolina unless the Department waives this requirement in writing after written request. Such written request for a waiver from implementation of vapor mitigation measures shall be supported by a vapor intrusion evaluation approved by the Department or its successor agency as sufficient to demonstrate that the proposed use and building construction will not pose a vapor intrusion risk. All required vapor intrusion mitigation measures shall be constructed, monitored, maintained, and operated to effectively mitigate contaminant vapor intrusion in accordance with plans approved by the Department or its successor agency. Such required vapor intrusion mitigation measures shall not be removed or modified without prior written approval from the Department or its successor agency.
4. The Department or its successor agency, and all other parties performing response actions under the Department's oversight, have an irrevocable right of reasonable access to perform and oversee response actions conducted on the Property.
5. The covenants and restrictions set forth herein shall run with the title to the Property and shall be binding upon Pedcor and its successors. Pedcor and its successors shall include the following notice on all deeds, mortgages, plats, or any legal instruments used to convey any interest in the Property (failure to comply with this paragraph does not impair the validity or enforceability of these covenants):

NOTICE: This Property Subject to Declaration of Covenants and Restrictions recorded on the _____ day of _____ 20____, at Book _____ Page _____, Officer of the Register of Deeds, and any subsequent Amendments Recorded thereto.

6. Pedcor and its successors and assigns shall submit to the Department or its successor agency a statement of maintenance of the covenants and restrictions as set forth above on or before May 31st of every year.
7. This Declaration shall remain in place until such time as the Department or its successor agency has made a written determination that the covenants and restrictions set forth herein are no longer necessary. This Declaration shall not be amended without the written consent of the Department or its successor agency.
8. This Declaration only applies to the Property expressly identified in Exhibit A and does not impair the authority of the Department or its successor agency with respect to any other real property under the control of Pedcor.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, **Pedcor Investments-2023-CXCIII, L.P.** has caused this instrument to be executed as of the date first above written.

PEDCOR INVESTMENTS-2023-CXCIII, L.P.

By: AHP-Blythewood, LLC
Its General Partner

WITNESSES:

Alexis Prater
Caitlin Burgess

By:

Shuron Agnew
Shuron Agnew, Vice President

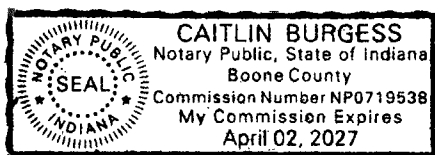
STATE OF Indiana)

) ACKNOWLEDGEMENT
)

COUNTY OF Hamilton

I, Caitlin Burgess (Notary Public), do hereby certify that, Shuron Agnew, Vice President of AHP-Blythewood, LLC, the General Partner of **Pedcor Investments-2023-CXCIII, L.P.**, personally appeared before me this day and acknowledged the due execution of the foregoing instrument, on behalf of the limited partnership.

Witness my hand and official seal this 5th day of June, 2024.



Caitlin Burgess
Notary Public for Indiana
My Commission Expires: 4/2/27

IN WITNESS WHEREOF, the Department has caused this instrument to be executed as of the date first above written.

**SOUTH CAROLINA DEPARTMENT OF HEALTH
AND ENVIRONMENTAL CONTROL**

WITNESSES:

[Signature]

By:

[Signature]

Henry J. Porter, Chief

Bureau of Land and Waste Management,
Environmental Quality Control

STATE OF South Carolina)

) ACKNOWLEDGEMENT

COUNTY OF Kershaw)

I, Sherry Taylor (Notary Public), do hereby certify that Henry J. Porter, Chief of the Bureau Land and Waste Management in the South Carolina Department of Health and Environmental Control, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal this 31st day of May, 2024.

[Signature]
Notary Public for SC

My Commission Expires: 9/20/27

SHERRY TAYLOR
Notary Public
State of South Carolina
My Commission Expires Sept. 20, 2027

EXHIBIT A

The land referred to herein below is situated in the County of Richland, State of SC, and is described as follows:

RICHLAND COUNTY, SOUTH CAROLINA

ALL THAT CERTAIN PIECE, PARCEL OR LOT OF LAND, SITUATE, LYING AND BEING ON U.S. HIGHWAY 21 NEAR THE TOWN OF BLYTHEWOOD, IN THE COUNTY OF RICHLAND AND STATE OF SOUTH CAROLINA, BEING MORE PARTICULARLY SHOWN AS 22.80 ACRES ON A PLAT PREPARED FOR BERT STOREY ASSOCIATES BY ASSOCIATED E & S, INC., DATED FEBRUARY 8, 2005 AND RECORDED IN PLAT BOOK 1062 AT PAGE 967 HAVING THE FOLLOWING BOUNDARIES AND MEASUREMENTS TO WIT: BEGINNING AT THE NORTHEASTERN CORNER OF THE PARCEL WHERE IT IS BOUNDED BY LANDS NOW OR FORMERLY OF SHELLEY TO THE NORTHWEST AND LANDS NOW OR FORMERLY OF CAROLINA PINES PROPERTIES TO THE EAST AT A POINT MARKED BY A 1/2" REBAR PIN AND THENCE PROCEEDING ON A BEARING OF SOUTH 03°58'13" WEST FOR A DISTANCE OF 371.64 FEET; THENCE SOUTH 03°58'32" WEST FOR A DISTANCE OF 90.60 FEET; THENCE SOUTH 04°06'22" WEST FOR A DISTANCE OF 683.12 FEET; THENCE SOUTH 77°57'36" WEST FOR A DISTANCE OF 523.02 FEET; THENCE NORTH 59°18'24" WEST FOR A DISTANCE OF 505.88 FEET; THENCE NORTH 59°18'24" WEST FOR A DISTANCE OF 13.34 FEET; THENCE NORTH 11°28'53" EAST FOR A DISTANCE OF 844.54 FEET; THENCE NORTH 79°39'27" WEST FOR A DISTANCE OF 12.75 FEET; THENCE NORTH 79°39'27" EAST FOR A DISTANCE OF 872.46 FEET BACK TO THE STARTING POINT; SUCH PARCEL BEING BOUNDED AS FOLLOWS: ON THE EAST BY LANDS NOW OR FORMERLY OF CAROLINA PINES PROPERTIES AND LANDS NOW OR FORMERLY OF BRODON INDUSTRIES, INC.; ON THE SOUTH BY LANDS NOW OR FORMERLY OF LAIRY SHARPE; ON THE WEST BY U.S. HIGHWAY NO. 21; AND ON THE NORTH BY LANDS NOW OR FORMERLY OF SHELLEY. ALL MEASUREMENTS BEING A LITTLE MORE OR LESS.

TMS #: R15000-05-04

CORRECTIVE ACTION SYSTEM EVALUATION REPORT #16

Jalaram/Former JR Deli
Blythewood, South Carolina
SCDHEC SITE ID 10503
Cost Agreement # 46287

Prepared By:

 Midlands
Environmental
Consultants, Inc.
231 Dooley Road, Lexington, SC 29073
(803) 808-2043 fax: 808-2048

July 11, 2022

MECI Project No. 13-4609



July 11, 2022

Mr. Matt Wykel, Hydrogeologist
Corrective Action Section
South Carolina Department of Health
and Environmental Control
UST Management Division
2600 Bull Street
Columbia, South Carolina 29201

Subject: Corrective Action System Evaluation (CASE) Report #16
Jalaram/Former JR Deli
10447 Wilson Blvd.
Blythewood, SC
SCDHEC Site ID# 10503, CA # 46287
MECI Project Number 13-4609
Certified Site Rehabilitation Contractor UCC-0009

Dear Mr. Wykel,

Midlands Environmental Consultants, Inc. (MECI) is pleased to submit the attached Corrective Action System Evaluation (CASE) Report for the referenced site (figure 1). This document evaluates our remedial efforts conducted at the subject site with respect to South Carolina Department of Health and Environmental Control (SCDHEC) guidelines set forth under bid specification IFB-5400006415. This summary is intended to document site rehabilitation measures as outlined in the Corrective Action Plan (CAP) that was submitted to SCDHEC on September 16, 2013 and approved with a Notice to Proceed on January 8, 2014.

Midlands Environmental appreciates the opportunity to offer our professional environmental services to you on this project. Please feel free to contact us at 803-808-2043 if you have any immediate questions or comments.

Sincerely,
Midlands Environmental Consultants, Inc.

Jeff L. Coleman
Senior Scientist



Colin M. Phillips, P.G.
Senior Hydrogeologist

Cc: SATI MAA, LLC., 200 Heyward Ave, Apt. 209, Spartanburg, SC 29307
Annie Faust, 10458 Wilson Boulevard, Blythewood, SC 29016
Seamon Hunter, 11071 Farrow Road, Blythewood, SC 29016
William & Sandra Prince, 10456 Wilson Boulevard, Blythewood, SC 29016
Rockfish Enterprises, P.O. Box 958, Blythewood, SC 29016
Vicki Fulmer, 10443 Wilson Boulevard, Blythewood, SC 29016

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NOTE: ITEMS LISTED WITH AN ** BESIDE IT WERE NOT NEEDED AS A PART OF THIS SCOPE OF WORK

1.0 INTRODUCTION

A. Owner/Operator Information

Facility Name:	Jalaram/Former JR Deli	UST Permit #:	10503
Facility Address:	10447 Wilson Blvd., Blythewood, SC 29016		
Name:	Aubrey Spivey		
Address:	449 Turkey Farm Rd., Blythewood, SC 29016		
Telephone #:	(803) 735-3393		

B. Property Owner Information

Name	AMT Properties LLC
Address	1415 Beechfern Circle, Elgin, SC 29045
Telephone #	N/A

C. Contractor Information

Name:	Midlands Environmental Consultants, Inc.
Certification #:	9
Address:	P.O. Box 854, Lexington, SC 29071
Telephone #:	(803) 808-2043

D. SCDHEC Certified Laboratory

Name:	Eurofins TestAmerica, Savannah
Certification #:	98001
Address:	5102 La Roche Avenue, Savannah, GA 31404
Telephone #:	(912) 354-7858

1.1 PROJECT INFORMATION

The subject site (Jalaram/Former JR Deli) is located at 10447 Wilson Blvd. (S.C. Highway 21) in Blythewood, Richland County, South Carolina (Figure 1). The subject site currently houses a two-story block building, and a one-story residential building. The subject site is utilized as an active gas station and convenience store. The gasoline service station is located along the southeastern portion of the subject property. Residential properties border the site to the north. South of the site is bordered by residential properties and wooded areas. East of the site is bordered by Wilson Blvd. (S.C. Highway 21), beyond which are residential properties. West of the site is bordered by residential properties and wooded areas (Figure 2).

The subject site (Jalaram/Former JR Deli) is located at 10447 Wilson Blvd in Blythewood, Richland County, South Carolina (See Figure 1). The subject site previously maintained one 2,000-gallon kerosene underground storage tank (UST), one 2,000-gallon diesel UST, one 4,000-gallon diesel UST, and two 4,000-gallon gasoline UST's. These UST's were abandoned by removal from the ground in July of 1987. The South Carolina Department of Health and Environmental Control (SCDHEC) reported a release of petroleum product from the subject tanks in January of 1992 and confirmed the release in July of 1996. The site currently maintains one 4,000-gallon premium/super gasoline UST and two 4,000 regular unleaded gasoline UST's. The subject site is currently rated a Class 2BB.

Midlands Environmental Consultants, Inc. (MECI) conducted an additional assessment in May and June of 2010 at the subject site. This assessment included the installation of four groundwater

monitoring wells. Following assessment activities, Aggressive Fluid Vapor Recovery (AFVR) events have been conducted periodically by MECI and others on monitoring wells MW-1, MW-12, MW-13, MW-14, MW-15 and MW-Unk2 to remove free phase petroleum product and reduce dissolved chemicals of concern (CoC) concentrations. MECI conducted a comprehensive groundwater sampling event in January of 2012. This event included sampling of seventeen monitoring wells. MECI conducted a second additional assessment from October of 2012 to May of 2013. This assessment included installation of temporary monitoring wells, installation of groundwater monitoring wells, soil samples, collection of groundwater samples, and aquifer slug tests.

In January of 2014, MECI implemented corrective action efforts at the site to reduce dissolved CoC concentrations to Site Specific Target Levels (SSTL's) set forth in solicitation IFB-5400006415. MECI's rehabilitative approach is composed of extended AFVR events and the future direct injection of Pulverized Activated Carbon (PAC) based product to aid in the removal of free phase petroleum product and elevated CoC's.

The above information is based on reports and correspondence obtained from MECI files and SCDHEC Files.

2.0 SURROUNDING PROPERTY USAGE

The site is located outside the town limits of Blythewood, Richland County, South Carolina. The subject site is located at 10447 Wilson Blvd. (S.C. Highway 21) in Blythewood, Richland County, South Carolina (see Figure 1). The properties immediately surrounding the site are mixed commercial/residential. The current gasoline service station is housed in the southeastern portion of the subject property. Residential properties border the site to the north. South of the site is bordered by residential properties and wooded areas. East of the site is bordered by Wilson Blvd. (S.C. Highway 21), beyond which is residential properties. West of the site is bordered by residential properties and wooded areas.

3.0 AREA GEOLOGY AND HYDROGEOLOGY

The mean elevation of the property, as depicted on the local USGS quadrangle (Blythewood, SC), appears to be approximately 450 feet above sea level. The site is located near the transition from the Piedmont Physiographic Province to the Coastal Plain Physiographic Province. In the area of this transition zone, termed the "fall line", veneers of Coastal Plain sedimentary rocks may overlay crystalline and/or metamorphic rocks of the Piedmont. In some areas, erosion has resulted in isolation of surficial sedimentary rocks, such that, at the surface, they appear surrounded by Piedmont rocks.

Locally, the Coastal Plain sediments consist of silty sands or sandy clays of the Middendorf Formation. These sediments were deposited in the Cretaceous Period during successive advances and retreats of the ocean. This formation contains numerous seams and lenses of kaolinitic clays which often result in "perched" water conditions and a variable, groundwater regime that is difficult to interpret. At the referenced site, "perched" water conditions are present in the source area and appear to extend across Wilson Boulevard. "Perched" water conditions appear to be present in the area of monitoring wells MW1, MW-2, MW-3, MW-6, MW-7, MW-8, MW-9, MW-12, MW-13, MW-14, MW-15, MW-16, MW-18, MW-21, MW-22, MW-23, MW-Unk1, and MW-Unk2.

Review of published geologic literature indicates that surficial formations of eolian (wind deposited) sands also exist in the vicinity of the site. These surficial sediments appear to be largely post-late Miocene to late Miocene in age. These soils were deposited in a beach-front environment and later

reworked by wind. Generally, the eolian sediments consist alternately of clean sands, interbedded with seams of silts or clays. There was no evidence of these wind born sediments to be present on the site.

Underlying the Coastal Plain sediments are residual soils and rocks of the Carolina Slate Belt. The Carolina Slate Belt consists of rocks composed of volcanic, igneous and terrigenous clastic materials. Locally, the Carolina Slate Belt rocks have been intruded by granitic plutons. The entire unit underwent regional metamorphism during the Paleozoic Era.

In this geologic setting, the uppermost aquifer is the surficial aquifer of sands with lenses and layers of clay. Water occupies the interstices between the formation particles and is in hydrostatic balance with the atmosphere at the water surface (water table).

Local precipitation is the source of fresh-water recharge to the Coastal Plain formations. Groundwater recharge varies considerably over the region and is attributed to the differences in precipitation and to variability in infiltration rate. Variations in composition and hydraulic conductivities of the sedimentary units account for the variability of infiltration rates.

Coastal Plain formations generally dip eastward towards the Atlantic Ocean. Consequently, regional groundwater movement is to the east and southeast. On a regional scale, hydraulic gradients are relatively low. Groundwater discharges to streams, lakes, or springs where the groundwater intersects topographic lows occupied by these water bodies. General surface water drainage in the subject area is to the east-southeast where surface drainage pathways lead to an intermittent stream associated with the Rice Creek.

3.1 LOCAL SUBSURFACE CONDITIONS

Predominately, Coastal Plain Sediments were encountered during drilling activities conducted at the site. The soils encountered in our borings conducted during additional assessment activities completed in June of 2013, generally consisted of sandy silts and clays near surface, underlain by fine to coarse sands.

On June 16, 2022, stabilized groundwater levels were measured in the surrounding monitoring wells. Depth to groundwater ranged from 8.12 to 19.89 feet below top of casing in the wells measured. The groundwater measurements are summarized in tabular form in Table 2 and on Figure 5. A groundwater contour map illustrating the groundwater flow direction at the site is also depicted on Figure 5. Groundwater levels may fluctuate several feet with seasonal and rainfall variations and with change in the water level of adjacent drainage features. Normally, the highest groundwater levels occur in late winter and spring. The lowest levels occur in late summer and fall.

4.0 FIELD EXPLORATION

Field exploration conducted at the site included:

- sampling of groundwater monitoring wells;
- sampling of nearby water supply wells; and,
- chemical analyses of water samples.

4.1 MONITORING WELL SAMPLING AND CHEMICAL ANALYSES

On June, 16, 2022, MECI personnel collected groundwater samples from forty-one (41) monitoring wells and four (4) water supply wells at the subject site. During sampling activities, monitoring wells MW-35i, MW-36i, MW-37i and MW-39i were unable to be located and are believed to have been destroyed during previous redevelopment activities. Additionally, the Prince WSW has previously been abandoned and the Hunter WSW 1 was found to be inactive. Only monitoring wells that did not bracket the water table were required to be purged prior to sample collection. Eighteen (18) monitoring wells were purged prior to sample collection.

Purging was completed by bailing three to five well volumes of water from the well, until pH, conductivity, dissolved oxygen and turbidity stabilized or until all available water was evacuated from the well, whichever occurred first. Sampling/purging was completed utilizing a prepackaged, clear, disposable polyethylene bailer and nylon rope. A new set of nitrile gloves were worn at each monitoring well, and at all time samples were handled. Field measurements of pH, conductivity, dissolved oxygen, water temperature, and turbidity were obtained before the well sampling process. MECI utilized YSI Pro20 meter for DO (mg/L) and temperature readings (°C), a YSI Pro1030 meter for pH and conductivity (uS) readings, and a MicroTPI Turbidimeter for turbidity (NTU) measurements. The attached Field Data Information Sheets presents the results of the field measurements obtained during purging processes and Table 2 presents the results of the field measurements collected prior to the sampling processes. The wells were sampled in accordance with most recent revision of the SCDHEC's Quality Assurance Program Plan for the Underground Storage Tank Management Division and MECI's Standard Operating Procedures. Groundwater samples obtained were sent to Eurofins TestAmerica, of Savannah, GA (SCDHEC Laboratory Certification #98001) for analysis.

The following sampling matrix contains well development and requested analyses for each well:

Monitoring Well	Purge	No Purge	Gauge Only	Not Sampled	BTEX, Naphthalene, MTBE (EPA Method 8260-B)	8 Oxygenates (EPA Method 8260-B)	1,2 DCA (EPA Method 8260-B)	Ethanol (EPA Method 8260-B)	EDB (EPA Method 8011)	Total Lead (EPA Method 6010)	Filtered Lead (EPA Method 6010)	8 RCRA Metals (EPA Method 6010)	TPH (EPA Method 9071)	PAH' s (EPA Method 8270)
					Analyte Sampled									
MW-1		X			X									
MW-2		X			X									
MW-3		X			X									
MW-4		X			X									
MW-5		X			X									
MW-6		X			X									
MW-7		X			X									
MW-8		X			X									
MW-9		X			X									
MW-10	X				X									
MW-11	X				X									
MW-12		X			X									
Notes: BTEX = benzene, toluene, ethylbenzene, & total xylenes MTBE=methyl tertiary butyl ether 1,2 DCA = 1,2 dicloroethane PAH = polycyclic aromatic hydrocarbons														

Monitoring Well	Purge	No Purge	Gauge Only	Not Sampled	BTEX, Naphthalene, MTBE (EPA Method 8260-B)	8 Oxygenates (EPA Method 8260-B)	1,2 DCA (EPA Method 8260-B)	Ethanol (EPA Method 8260-B)	EDB (EPA Method 8011)	Total Lead (EPA Method 6010)	Filtered Lead (EPA Method 6010)	8 RCRA Metals (EPA Method 6010)	TPH (EPA Method 9071)	PAH' s (EPA Method 8270)
					Analyte Sampled									
MW-13		X			X									
MW-14		X			X									
MW-15		X			X									
MW-16		X			X									
MW-18		X			X									
MW-19		X			X									
MW-20		X			X									
MW-21		X			X									
MW-22		X			X									
MW-23		X			X									
MW-24		X												
MW-25i	X				X									
MW-26i	X				X									
MW-27ir	X				X									
MW-28i	X				X									
MW-29ir	X				X									
MW-30i	X				X									
MW-31i	X				X									
MW-32i	X				X									
MW-33i	X				X									
MW-34i	X				X									
MW-35i				X										
MW-36i				X										
MW-37i				X										
MW-38i	X				X									
MW-39i				X										
MW-Unk1		X			X									
MW-Unk2		X			X									
PW-1	X				X									
DW-1	X				X									
DW-2	X				X									
DW-3	X				X									
DW-4	X				X									
Faust WSW#1					X									
Faust WSW#2					X									
Hunter WSW#1				X										
Hunter WSW #2					X									
Notes: BTEX = benzene, toluene, ethylbenzene, & total xylenes MTBE=methyl tertiary butyl ether 1,2 DCA = 1,2 dicloroethane PAH = polycyclic aromatic hydrocarbons														

Monitoring Well	Purge	No Purge	Not Sampled	Not Sampled	BTEX, Naphthalene, MTBE (EPA Method 8260-B)	8 Oxygenates (EPA Method 8260-B)	1,2 DCA (EPA Method 8260-B)	Ethanol (EPA Method 8260-B)	EDB (EPA Method 8011)	Total Lead (EPA Method 6010)	Filtered Lead (EPA Method 6010)	8 RCRA Metals (EPA Method 6010)	TPH (EPA Method 9071)	PAH's (EPA Method 8270)
					Analyte Sampled									
Prince WSW (ABD)				X										
Fulmer WSW					X									
DUP-1 (MW-19)					X									
DUP-2 (Fulmer WSW)					X									
DUP-3 (MW-12)					X									
Field Blank					X									
Trip Blank					X									
Notes: BTEX = benzene, toluene, ethylbenzene, & total xylenes MTBE=methyl tertiary butyl ether 1,2 DCA = 1,2 dicloroethane PAH = polycyclic aromatic hydrocarbons														

The results of the laboratory analyses are summarized in Table 3 and presented in Appendix B.

Purge water produced by the purging process was treated on-site utilizing a granular activated carbon unit. A total of 149.0 gallons of purge water was disposed of in this manner. A disposal manifest for the referenced purge water is presented in Appendix G.

5.0 TEST RESULTS AND EVALUATION

The following sections discuss groundwater test results for the subject site.

5.1 ANALYTICAL RESULTS

As discussed in Section 4.1, groundwater samples obtained from the monitoring wells were analyzed for dissolved phase petroleum constituents as outlined in the Appendix associated with solicitation IFB-5400006415. SSTL's have been designated for eighteen monitoring wells (MW-1, MW-7, MW-12, MW-13, MW-14, MW-15, MW-18, MW-19, MW-20, MW-21, MW-25i, MW-27ir, MW-28i, MW-29ir, MW-32i, MW-38i, MW-UNK1 and MW-UNK2) and five water supply wells (Faust WSW#1, Prince WSW, Hunter WSW#2, and Fulmer WSW). Analytical results from the June 16, 2022 groundwater sampling indicate chemicals of concern (CoC's) in one well (MW-1) are above their respective SSTL set forth in solicitation IFB-5400006415. The following table presents analytical results from monitoring wells which currently exceed the respective SSTL's:

MW#		Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene
MW-1	Subsequent	13.2	2.82	388	141	0.81	279
	SSTL	20.0	26540.0	3700.0	21980.0	733.0	111
	Subsequent>SSTL	0.0	0.00	0.00	0.00	0.00	168
Notes: 1. Concentrations are in micrograms per liter (ug/l) 2. Bolded/Italic Items indicate current concentrate							

Table 1 also indicates that Naphthalene concentrations are slightly above SSTL's in the Water Supply Well samples, however, this is due to the Method Detection Limit for the samples being higher than the SSTL. There were no petroleum concentrations detected above the Method Detection Limit in the samples analyzed. Figure 4 presents the concentrations of current dissolved CoC's at the site. The results of the analyses for each monitoring well and specific parameters are listed on Table 3 and provided in the attached laboratory reports (Appendix B).

6.0 REMEDIAL SYSTEM EFFECTIVENESS

The South Carolina Department of Health and Environmental Control (SCDHEC) has set remediation goals for this site via SSTL's for eighteen monitoring wells (MW-1, MW-7, MW-12, MW-13, MW-14, MW-15, MW-18, MW-19, MW-20, MW-21, MW-25i, MW-27i, MW-28i, MW-29i, MW-32i, MW-38i, MW-UNK1 and MW-UNK2), and four water supply wells (Faust WSW#1, Prince WSW, Hunter WSW#2, and Fulmer WSW) at the subject site. The wells have individual target concentrations for six identified petroleum constituents (Benzene, Toluene, Ethylbenzene, Xylenes, Naphthalene, and Methyl tertiary butyl ether (MTBE)). The effectiveness of MECI's remedial approach thus far, can be calculated by comparing the initial CoC concentrations that that exceeded the SSTL's with the current CoC concentrations that exceeded the SSTL's.

In accordance with the SCDHEC approved Corrective Action Plan, a 99.92% decrease of the CoC mass has been achieved to date. Percent mass increase of CoC to SSTL's was calculated using the following equation:

$$\frac{(\text{Initial CoC Mass} > \text{SSTL} - \text{Current CoC Mass} > \text{SSTL})}{(\text{Initial CoC Mass} > \text{SSTL})} \times 100 = \% \text{ Increase or Decrease}$$

See Table 1 for detailed CoC Mass Reduction Calculations.

7.0 CONCLUSIONS

Since the December 22, 2021 comprehensive groundwater sampling event, CoC concentrations have increased in monitoring well MW-7 and slightly decreased in monitoring wells MW-12 and MW-15. CoC concentrations in the remainder of the monitoring well network have generally remained constant. Furthermore, free phase petroleum product was not detected in any of the monitoring or recovery wells during sampling activities.

Based on these results, MECI feels that the remedial approach has been effective thus far. MECI will administer subsequent direct injection of Pulverized Activated Carbon (PAC) at the site in the near future. The PAC injection will primarily focus onsite in recovery wells RW-1 through RW-4. In addition, MECI may complete short duration AFVR events on well pairs MW-15, RW-1, RW-2 and MW-12, RW-3, RW-4.

8.0 REVISED SCHEDULE OF REMEDIAL ACTIVITIES

In accordance with the SCDHEC approved Corrective Action Plan, the entire monitoring well network will be sampled biannually. The wells will be sampled in accordance with the most recent revision of the SCDHEC's Quality Assurance Program Plan for the Underground Storage Tank Management Division and MECI's Standard Operating Procedures. Groundwater samples obtained will be sent to a SCDHEC certified laboratory to be analyzed for BTEX, Naphthalene, and MtBE (EPA Method 8260-B).

All water supply wells will be sampled quarterly. The water supply wells will be sampled in accordance with the most recent revision of the SCDHEC's Quality Assurance Program Plan for the Underground Storage Tank Management Division and MECI's Standard Operating Procedures. Samples obtained will be sent to SCDHEC certified laboratory to be analyzed for BTEX, Naphthalene, and MtBE (EPA Method 8260-B).

Following each quarterly water supply well and surface water sampling event, a sampling report will be submitted to the SCDHEC project manager. Comprehensive groundwater sampling events will be reported along with semi-annual Corrective Action System Evaluation (CASE) reports.

The follow table presents an approximate timetable for corrective action activities:

Item	Start Date	End Date	Comments
CAP Preparation	9/16/2013	9/26/13	Completed
CAP Approval	9/26/13	1/8/2014	Completed
CAP Implementation	1/8/2014	1/27/2014	Completed
CAP Implementation Report	1/27/2014	1/31/14	Completed
Comprehensive Sampling #1	4/16/2014	5/1/2014	Completed
CASE Report #1	1/31/2014	5/1/2014	Completed
Quarterly Monitoring Report #1	1/31/2014	7/30/2014	Completed
Comprehensive Sampling #2	10/13/2014	10/28/2014	Completed
FPP Removal Goal with SCDHEC verification	1/31/2014	6/28/2014	Completed
Initial Injection Event	7/22/2014	9/15/2014	Completed
CASE Report #2	1/31/2014	11/20/2014	Completed
Quarterly Monitoring Report #2	1/11/2015	1/31/2015	Completed

Subsequent Injection Event	2/18/2015	2/20/2015	Completed
Comprehensive Sampling #3	4/14/2015	4/26/2015	Completed
CASE Report #3	4/11/2015	4/26/2015	Completed
Quarterly Monitoring Report #3	7/10/2015	7/25/2015	Completed
Comprehensive Sampling Event #4	10/8/15	10/23/2015	Completed
CASE Report #4	10/8/2015	11/10/2015	Completed
Quarterly Monitoring Report #4	1/6/2016	1/25/2016	Completed
Comprehensive Sampling Event #5	4/15/2016	4/15/2016	Completed
CASE Report #5	4/15/2016	4/28/2016	Completed
Quarterly Monitoring Report #5	7/4/2016	7/19/2016	Completed
Comprehensive Sampling Event #6	11/15/2016	11/30/2016	Completed
CASE Report #6	11/15/2016	11/30/2016	Completed
Quarterly Monitoring Report #6	12/31/2016	1/15/2017	Completed
Comprehensive Sampling Event #7	3/31/2017	4/15/2017	Completed
CASE Report #7	3/31/2017	4/15/2017	Completed
CASE Report #8	4/15/2017	11/21/2017	Completed
Quarterly Monitoring #7	11/21/2017	2/26/2018	Completed
Additional Injection Events	2/26/2018	5/17/2018	Completed
CASE Report #9	2/26/20218	5/17/2018	Completed

Quarterly Monitoring #8	8/14/2018	8/27/2018	Completed
Quarterly Monitoring #9	2/20/2019	3/5/2019	Completed
CASE Report #10	5/23/2019	6/12/2019	Completed
Quarterly Monitoring #10	8/20/2019	8/28/2019	Completed
CASE Report #11	11/20/2019	12/19/2019	Completed
Quarterly Monitoring #11	2/10/2020	2/19/2020	Completed
CASE Report #12	5/14/2020	5/27/2020	Completed
Quarterly Monitoring #12	8/28/2020	9/8/2020	Completed
CASE Report #13	1/13/2021	1/29/2021	Completed
Quarterly Monitoring #13	4/29/2021	4/29/2021	Completed
CASE Report #14	7/7/2021	7/19/2021	Completed
Quarterly Monitoring #14	10/1/2021	10/15/2021	Completed
CASE Report #15	12/22/2021	1/12/2022	Completed
Quarterly Monitoring #15	3/25/2022	4/5/2022	Completed
CASE Report #16	6/16/2022	7/8/2022	Completed
Additional Injection Events	TBD	TBD	TBD
System Shut Down	TBD	TBD	TBD

Verification Sampling #1	TBD	TBD	Verification Sampling of all Sampling points conducted 30 days following notification to SCDHEC of 100% reduction milestone. Report submitted to SCDHEC 30 days following sampling event.
Verification Sampling #2	TBD	TBD	Verification Sampling of all Sampling points conducted 90 days following Verification Sampling #1. Report submitted to SCDHEC 30 days following sampling event.
Verification Sampling #3 <i>Split Sampling Event</i>	TBD	TBD	Verification Sampling of all Sampling points conducted 180 days following Verification Sampling #1. Report submitted to SCDHEC three weeks following sampling event. 100 % CoC Reduction Goal Achieved: 5% of Award
Demobilization and Site Restoration <i>ACA Completed</i>	TBD	TBD	Demobilization and site restoration will commence once SCDHEC has notified the contractor that the corrective action goals have been achieved and maintained. Demobilization and site restoration must be completed within 60 days of notification by SCDHEC

9.0 QUALIFICATIONS OF REPORT

The activities and evaluative approaches used during these remedial efforts are consistent with those normally employed in hydrogeological remediation and waste management projects of this type. Our evaluation of site conditions has been based on our understanding of the site, project information provided to us, and data obtained in our exploration. The general subsurface conditions utilized in our evaluation have been based on interpretation of subsurface data between borings. Contents of this report are intended for the sole use of MECI and SCDHEC under mutually agreed upon terms and conditions. If other parties wish to rely on this report, please contact MECI prior to their use of this information so that a mutual understanding and agreement of the terms and conditions of our services can be established.

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TABLES

TABLE 1
COC MASS REDUCTION CALCULATION (CASE #16)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT # 13-4609
SCDHEC SITE ID # 10503

Well		Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	Totals
MW-1	Initial	81.00	1,200.00	1,300.00	11,000.00	500.00	570.00	14,651.00
	SSTL	20.00	26,540.00	3,700.00	21,680.00	733.00	111.00	52,784.00
	Initial>SSTL	61.00	0.00	0.00	0.00	0.00	459.00	520.00
	Subsequent	13.20	2.82	388.00	141.00	0.81	279.00	824.83
	SSTL	20.00	26,540.00	3,700.00	21,680.00	733.00	111.00	52,784.00
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	168.00	168.00
Well		Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	Totals
MW-7	Initial	300.00	4,900.00	1,000.00	5,900.00	250.00	210.00	12,560.00
	SSTL	300.00	4,752.00	2,632.00	21,680.00	250.00	210.00	29,824.00
	Initial>SSTL	0.00	148.00	0.00	0.00	0.00	0.00	148.00
	Subsequent	50.80	284.00	175.00	916.00	0.810	66.60	1,493.21
	SSTL	300.00	4,752.00	2,632.00	21,680.00	250.00	210.00	29,824.00
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Well		Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	Totals
MW-12	Initial	2,600.00	17,000.00	2,000.00	9,800.00	1,000.00	450.00	32,850.00
	SSTL	1,130.00	17,000.00	3,700.00	21,680.00	1,000.00	450.00	44,960.00
	Initial>SSTL	1,470.00	0.00	0.00	0.00	0.00	0.00	1,470.00
	Subsequent	555.00	15.60	59.90	16.50	0.810	2.40	650.21
	SSTL	1,130.00	17,000.00	3,700.00	21,680.00	1,000.00	450.00	44,960.00
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Well		Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	Totals
MW-13	Initial	320.00	1,100.00	290.00	1,400.00	100.00	120.00	3,330.00
	SSTL	320.00	1,100.00	290.00	1,400.00	100.00	120.00	3,330.00
	Initial>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Subsequent	10.30	0.505	0.858	0.230	0.810	2.40	15.10
	SSTL	320.00	1,100.00	290.00	1,400.00	100.00	120.00	3,330.00
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Well		Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	Totals
MW-14	Initial	120.00	2,400.00	100.00	6,600.00	500.00	410.00	10,130.00
	SSTL	18.00	2,400.00	1,100.00	6,600.00	500.00	96.00	10,714.00
	Initial>SSTL	102.00	0.00	0.00	0.00	0.00	314.00	416.00
	Subsequent	0.833	0.713	7.07	0.230	0.810	2.40	12.06
	SSTL	18.00	2,400.00	1,100.00	6,600.00	500.00	96.00	10,714.00
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Well		Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	Totals
MW-15	Initial	19.00	12.00	26.00	56.00	5.00	7.40	125.40
	SSTL	18.00	12.00	26.00	56.00	5.00	7.40	124.40
	Initial>SSTL	1.00	0.00	0.00	0.00	0.00	0.00	1.00
	Subsequent	0.549	0.317	0.200	0.230	0.810	2.40	4.51
	SSTL	18.00	12.00	26.00	56.00	5.00	7.40	124.40
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Well		Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	Totals
MW-18	Initial	7.10	39.00	4.70	87.00	5.00	2.00	144.80
	SSTL	351.00	26,540.00	3,700.00	21,680.00	659.00	787.00	53,717.00
	Initial>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Subsequent	9.72	300.00	191.00	684.00	0.810	4.97	1,190.50
	SSTL	351.00	26,540.00	3,700.00	21,680.00	659.00	787.00	53,717.00
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Well		Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	Totals
MW-19	Initial	3,600.00	13,000.00	1,200.00	7,300.00	500.00	210.00	25,810.00
	SSTL	444.00	13,000.00	1,200.00	7,300.00	500.00	210.00	22,654.00
	Initial>SSTL	3,156.00	0.00	0.00	0.00	0.00	0.00	3,156.00
	Subsequent	87.50	33.20	240.00	321.00	5.00	69.40	756.10
	SSTL	444.00	13,000.00	1,200.00	7,300.00	500.00	210.00	22,654.00
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Well		Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	Totals
MW-20	Initial	140.00	26.00	41.00	37.00	1.20	15.00	260.20
	SSTL	12.00	26.00	41.00	37.00	1.20	15.00	132.20
	Initial>SSTL	128.00	0.00	0.00	0.00	0.00	0.00	128.00
	Subsequent	0.270	0.250	0.200	0.230	0.810	2.40	4.16
	SSTL	12.00	26.00	41.00	37.00	1.20	15.00	132.20
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Well		Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	Totals
MW-21	Initial	3,400.00	12,000.00	790.00	4,500.00	500.00	500.00	21,690.00
	SSTL	3,400.00	12,000.00	790.00	4,500.00	500.00	500.00	21,690.00
	Initial>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Subsequent	19.00	4.47	6.15	6.01	0.810	2.40	38.84
	SSTL	3,400.00	12,000.00	790.00	4,500.00	500.00	500.00	21,690.00
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Well		Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	Totals
MW-25i	Initial	820.00	270.00	88.00	610.00	21.00	64.00	1,873.00
	SSTL	11.00	270.00	88.00	610.00	21.00	58.00	1,058.00
	Initial>SSTL	809.00	0.00	0.00	0.00	0.00	6.00	815.00
	Subsequent	0.270	0.250	0.200	0.230	0.810	2.40	4.16
	SSTL	11.00	270.00	88.00	610.00	21.00	58.00	1,058.00
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TABLE 1
COC MASS REDUCTION CALCULATION (CASE #16)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT # 13-4609
SCDHEC SITE ID # 10503

Well		Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	Totals
MW-27iR	Initial	220.00	5.90	15.00	110.00	22.00	15.00	387.90
	SSTL	220.00	5.90	15.00	110.00	22.00	15.00	387.90
	Initial>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Subsequent	11.20	0.250	5.51	0.953	0.810	2.40	21.12
	SSTL	220.00	5.90	15.00	110.00	22.00	15.00	387.90
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-28i	Initial	4,500.00	5,800.00	740.00	3,500.00	92.00	180.00	14,812.00
	SSTL	13.00	5,800.00	740.00	3,500.00	92.00	69.00	10,214.00
	Initial>SSTL	4,487.00	0.00	0.00	0.00	0.00	111.00	4,598.00
	Subsequent	1.35	0.250	0.301	0.230	0.810	2.40	5.34
	SSTL	13.00	5,800.00	740.00	3,500.00	92.00	69.00	10,214.00
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-29iR	Initial	700.00	250.00	54.00	280.00	25.00	29.00	1,338.00
	SSTL	20.00	250.00	54.00	280.00	25.00	29.00	658.00
	Initial>SSTL	680.00	0.00	0.00	0.00	0.00	0.00	680.00
	Subsequent	0.270	0.250	0.200	0.230	0.810	2.40	4.16
	SSTL	20.00	250.00	54.00	280.00	25.00	29.00	658.00
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-32i	Initial	22.00	5.00	5.00	4.10	5.00	5.00	46.10
	SSTL	20.00	5.00	5.00	4.10	5.00	5.00	44.10
	Initial>SSTL	2.00	0.00	0.00	0.00	0.00	0.00	2.00
	Subsequent	0.270	0.250	0.200	0.230	0.810	2.40	4.16
	SSTL	20.00	5.00	5.00	4.10	5.00	5.00	44.10
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-38i	Initial	45.00	5.00	5.00	5.60	11.00	5.00	76.60
	SSTL	45.00	5.00	5.00	5.60	11.00	5.00	76.60
	Initial>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Subsequent	0.270	0.250	0.200	0.230	0.810	2.40	4.16
	SSTL	45.00	5.00	5.00	5.60	11.00	5.00	76.60
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-UNK1	Initial	130.00	1,400.00	610.00	2,200.00	100.00	160.00	4,600.00
	SSTL	896.00	26,540.00	3,700.00	21,680.00	1,489.00	1,337.00	55,642.00
	Initial>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Subsequent	1.35	1.25	1.00	1.15	4.05	12.00	20.80
	SSTL	896.00	26,540.00	3,700.00	21,680.00	1,489.00	1,337.00	55,642.00
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-UNK2	Initial	3,200.00	23,000.00	3,400.00	22,000.00	1,000.00	910.00	53,510.00
	SSTL	1,793.00	23,000.00	3,400.00	22,000.00	1,000.00	2,251.00	53,444.00
	Initial>SSTL	1,407.00	0.00	0.00	0.00	0.00	0.00	1,407.00
	Subsequent	595.00	149.00	579.00	382.00	4.05	247.00	1,956.05
	SSTL	1,793.00	23,000.00	3,400.00	22,000.00	1,000.00	2,251.00	53,444.00
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Faust WSW 1	Initial	1.00	1.00	1.00	1.00	1.00	1.00	6.00
	SSTL	1.00	1.00	1.00	1.00	1.00	1.00	6.00
	Initial>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Subsequent	0.270	0.250	0.200	0.230	0.810	2.40	4.16
	SSTL	1.00	1.00	1.00	1.00	1.00	1.00	6.00
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	1.40	1.40
Hunter WSW 2	Initial	1.00	1.00	1.00	1.00	1.00	1.00	6.00
	SSTL	1.00	1.00	1.00	1.00	1.00	1.00	6.00
	Initial>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Subsequent	0.270	0.250	0.200	0.230	0.810	2.40	4.16
	SSTL	1.00	1.00	1.00	1.00	1.00	1.00	6.00
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	1.40	1.40
Prince WSW	Initial	1.00	1.00	1.00	1.00	1.00	1.00	6.00
	SSTL	1.00	1.00	1.00	1.00	1.00	1.00	6.00
	Initial>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Subsequent	0.34	0.48	0.30	0.34	0.42	0.64	2.52
	SSTL	1.00	1.00	1.00	1.00	1.00	1.00	6.00
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fulmer WSW	Initial	1.00	1.00	1.00	1.00	1.00	1.00	6.00
	SSTL	1.00	1.00	1.00	1.00	1.00	1.00	6.00
	Initial>SSTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Subsequent	0.270	0.250	0.200	0.230	0.810	2.40	4.16
	SSTL	1.00	1.00	1.00	1.00	1.00	1.00	6.00
	Subsequent>SSTL	0.00	0.00	0.00	0.00	0.00	1.40	1.40
Totals	Initial>SSTL	(Sum of initial mass above SSTL for all wells)						13,341.000
	Subsequent>SSTL	(Sum of Subsequent mass above SSTL for all wells)						172.200

COC Mass Reduction Calculation= $\frac{(13,341.00-172.200)}{(13,341.00)} = 0.9870924 \times 100 = 98.71\% \text{ decrease}$

Note: Prince WSW has been abandoned, analytical data from 5/23/2019 was used for calculation purposes.

**TABLE 2
POTENTIOMETRIC DATA (CASE #16)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT NUMBER 13-4609
SCDHEC SITE ID NUMBER 10503**

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-1(10503)	11/2/2012**	5-15	5.78	7.75	1.97	99.89	93.81
	5/6/2013**		1.30	3.40	2.10	99.89	98.28
	11/6/2013**		4.62	5.35	0.73	99.89	95.16
	4/22/2014		---	2.39	---	99.89	97.50
	11/4/2014		---	6.80	---	99.89	93.09
	4/14/2015		---	3.53	---	99.89	96.36
	10/26/2015		---	2.50	---	99.89	97.39
	4/15/2016		---	3.15	---	99.89	96.74
	11/15/2016		---	9.55	---	99.89	90.34
	4/18/2017		---	5.02	---	99.89	94.87
	11/7/2017		---	12.58	---	99.89	87.31
	5/10/2018		---	8.70	---	99.89	91.19
	5/23/2019		---	4.11	---	99.89	95.78
	11/20/2019		---	10.84	---	99.89	89.05
	5/14/2020		---	2.96	---	99.89	96.93
	1/13/2021		---	3.56	---	99.89	96.33
	7/7/2021		---	5.50	---	99.89	94.39
	12/22/2021		---	DRY	---	99.89	DRY
	6/16/2022		---	8.12	---	99.89	91.77
MW-2(10503)	11/2/2012	5-15	---	10.98	---	99.38	88.40
	5/6/2013		---	1.50	---	99.38	97.88
	11/6/2013		---	3.82	---	99.38	95.56
	4/22/2014		---	3.72	---	99.38	95.66
	11/4/2014		---	6.80	---	99.38	92.58
	4/14/2015		---	3.26	---	99.38	96.12
	10/26/2016		---	3.26	---	99.38	96.12
	4/15/2016		---	2.67	---	99.38	96.71
	11/15/2016		---	8.07	---	99.38	91.31
	4/18/2017		---	4.08	---	99.38	95.30
	11/7/2017		---	12.39	---	99.38	86.99
	5/10/2018		---	7.27	---	99.38	92.11
	5/23/2019		---	4.08	---	99.38	95.30
	11/20/2019		---	10.70	---	99.38	88.68
	5/14/2020		---	3.13	---	99.38	96.25
	1/13/2021		---	5.07	---	99.38	94.31
	7/7/2021		---	6.55	---	99.38	92.83
	12/22/2021		---	13.39	---	99.38	85.99
	6/16/2022		---	11.72	---	99.38	87.66
MW-3(10503)	11/2/2012	5-15	---	5.30	---	99.94	94.64
	5/6/2013		---	1.20	---	99.94	98.74
	11/6/2013		---	5.32	---	99.94	94.62
	4/22/2014		---	2.03	---	99.94	97.91
	11/4/2014		---	7.71	---	99.94	92.23
	4/14/2015		---	3.50	---	99.94	96.44
	10/26/2015		---	2.99	---	99.94	96.95
	4/15/2016		---	3.17	---	99.94	96.77
	11/15/2016		---	9.03	---	99.94	90.91
	4/18/2017		---	4.52	---	99.94	95.42
	11/7/2017		---	12.39	---	99.94	87.55
	5/10/2018		---	8.51	---	99.94	91.43
	5/23/2019		---	4.30	---	99.94	95.64
	11/20/2019		---	10.69	---	99.94	89.25
	5/14/2020		---	3.53	---	99.94	96.41
	1/13/2021		---	5.85	---	99.94	94.09
	7/7/2021		---	6.44	---	99.94	93.50
	12/22/2021		---	13.53	---	99.94	86.41
	6/16/2022		---	14.74	---	99.94	85.20
MW-4(10503)	11/2/2012	9-19	---	17.61	---	99.36	81.75
	5/6/2013		---	13.95	---	99.36	85.41
	11/6/2013		---	15.45	---	99.36	83.91
	4/22/2014		---	4.91	---	99.36	94.45
	11/4/2014		---	12.04	---	99.36	87.32
	4/14/2015		---	Covered	---	99.36	Covered
	10/26/2015		---	9.53	---	99.36	89.83
	4/15/2016		---	5.30	---	99.36	94.06
	11/15/2016		---	14.06	---	99.36	85.30
	4/18/2017		---	10.13	---	99.36	89.23
	11/7/2017		---	15.90	---	99.36	83.46
	5/10/2018		---	5.21	---	99.36	94.15
	5/23/2019		---	10.36	---	99.36	89.00
	11/20/2019		---	16.15	---	99.36	83.21
	5/14/2020		---	9.16	---	99.36	90.20
	1/13/2021		---	10.59	---	99.36	88.77
	7/7/2021		---	12.21	---	99.36	87.15
	12/22/2021		---	16.71	---	99.36	82.65
	6/16/2022		---	16.04	---	99.36	83.32
MW-5(10503)	11/2/2012	10-20	---	18.11	---	99.75	81.64
	5/6/2013		---	14.90	---	99.75	84.85
	11/6/2013		---	15.95	---	99.75	83.80
	4/22/2014		---	10.46	---	99.75	89.29
	11/4/2014		---	17.07	---	99.75	82.68
	4/14/2015		---	11.72	---	99.75	88.03
	10/26/2015		---	12.17	---	99.75	87.58
	4/15/2016		---	Covered	---	99.75	Covered
	11/15/2016		---	14.42	---	99.75	85.33
	4/18/2017		---	11.22	---	99.75	88.53
	11/7/2017		---	16.14	---	99.75	83.61
	5/10/2018		---	15.20	---	99.75	84.55
	5/23/2019		---	11.44	---	99.75	88.31
	11/20/2019		---	16.71	---	99.75	83.04
	5/14/2020		---	10.45	---	99.75	89.30
	1/13/2021		---	12.10	---	99.75	87.65
	7/7/2021		---	13.08	---	99.75	86.67
	12/22/2021		---	16.14	---	99.75	83.61
	6/16/2022		---	15.71	---	99.75	84.04
MW-6(10503)	11/2/2012	10-20	---	9.46	---	99.34	89.88
	5/6/2013		---	2.71	---	99.34	96.63
	11/6/2013		---	5.92	---	99.34	93.42
	4/22/2014		---	2.50	---	99.34	96.84
	11/4/2014		---	13.75	---	99.34	85.59
	4/14/2015		---	3.71	---	99.34	95.63
	10/26/2015		---	7.09	---	99.34	92.25
	4/15/2016		---	2.88	---	99.34	96.46
	11/15/2016		---	9.57	---	99.34	89.77
	4/18/2017		---	5.13	---	99.34	94.21
	11/7/2017		---	10.16	---	99.34	89.18
	5/10/2018		---	8.20	---	99.34	91.14
	5/23/2019		---	4.28	---	99.34	95.06
	11/20/2019		---	11.22	---	99.34	88.12
	5/14/2020		---	3.47	---	99.34	95.87
	1/13/2021		---	5.07	---	99.34	94.27
	7/7/2021		---	6.60	---	99.34	92.74
	12/22/2021		---	16.35	---	99.34	82.99
	6/16/2022		---	11.29	---	99.34	88.05

**TABLE 2
POTENTIOMETRIC DATA (CASE #16)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT NUMBER 13-4609
SCDHEC SITE ID NUMBER 10503**

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-7(10503)	11/2/2012**	10-20	10.62	13.66	3.04	99.27	88.19
	5/6/2013**		2.95	5.76	2.81	99.27	95.90
	11/6/2013**		5.62	8.34	2.72	99.27	93.24
	4/22/2014		---	2.32	---	99.27	96.95
	11/4/2014		---	10.35	---	99.27	88.92
	4/14/2015		---	4.20	---	99.27	95.07
	10/26/2015		---	7.55	---	99.27	91.72
	4/15/2016		---	3.29	---	99.27	95.98
	11/15/2016		---	9.10	---	99.27	90.17
	4/18/2017		---	5.10	---	99.27	94.17
	11/7/2017		---	12.69	---	99.27	86.58
	5/10/2018		---	8.39	---	99.27	90.88
	5/23/2019		---	4.85	---	99.27	94.42
	11/20/2019		---	10.92	---	99.27	88.35
	5/14/2020		---	4.13	---	99.27	95.14
	1/13/2021		---	5.54	---	99.27	93.73
	7/7/2021		---	7.42	---	99.27	91.85
MW-8(10503)	12/22/2021	9-19	---	14.82	---	99.27	84.45
	6/16/2022		---	12.39	---	99.27	86.88
	11/2/2012		---	12.03	---	99.41	87.38
	5/6/2013		---	3.05	---	99.41	96.36
	11/6/2013		---	7.23	---	99.41	92.18
	4/22/2014		---	2.67	---	99.41	96.74
	11/4/2014		---	10.35	---	99.41	89.06
	4/14/2015		---	11.60	---	99.41	87.81
	4/14/2015		---	13.94	---	99.41	85.47
	4/15/2016		---	2.81	---	99.41	96.60
	11/15/2016		---	9.33	---	99.41	90.08
	4/18/2017		---	5.00	---	99.41	94.41
	11/7/2017		---	12.50	---	99.41	86.91
	5/10/2018		---	7.62	---	99.41	91.79
	5/23/2019		---	4.22	---	99.41	95.19
	11/20/2019		---	11.11	---	99.41	88.30
	5/14/2020		---	3.38	---	99.41	96.03
MW-9(10503)	1/13/2021	10-20	---	4.60	---	99.41	94.81
	7/7/2021		---	7.26	---	99.41	92.15
	12/22/2021		---	14.32	---	99.41	85.09
	6/16/2022		---	12.26	---	99.41	87.15
	11/2/2012		---	11.81	---	99.28	87.47
	5/6/2013		---	3.99	---	99.28	95.29
	11/6/2013		---	8.21	---	99.28	91.07
	4/22/2014		---	2.28	---	99.28	97.00
	11/4/2014		---	10.09	---	99.28	89.19
	4/14/2015		---	4.11	---	99.28	95.17
	10/26/2015		---	11.87	---	99.28	87.41
	4/15/2016		---	3.20	---	99.28	96.08
	11/15/2016		---	9.81	---	99.28	89.47
	4/18/2017		---	5.57	---	99.28	93.71
	11/7/2017		---	12.56	---	99.28	86.72
	5/10/2018		---	8.81	---	99.28	90.47
	5/23/2019		---	4.69	---	99.28	94.59
MW-10(10503)	11/20/2019	22-37	---	11.40	---	99.28	87.88
	5/14/2020		---	3.69	---	99.28	95.59
	1/13/2021		---	5.82	---	99.28	93.46
	7/7/2021		---	7.42	---	99.28	91.86
	12/22/2021		---	13.71	---	99.28	85.57
	6/16/2022		---	12.18	---	99.28	87.10
	11/2/2012		---	10.58	---	100.56	80.77
	5/6/2013		---	17.30	---	100.56	83.26
	11/6/2013		---	17.55	---	100.56	83.01
	4/22/2014		---	11.72	---	100.56	88.84
	11/4/2014		---	19.60	---	100.56	80.96
	4/14/2015		---	14.42	---	100.56	86.14
	10/26/2015		---	17.31	---	100.56	83.25
	4/15/2016		---	13.03	---	100.56	87.53
	11/15/2016		---	16.70	---	100.56	83.86
	4/18/2017		---	13.89	---	100.56	86.67
	11/7/2017		---	18.06	---	100.56	82.50
MW-11(10503)	5/10/2018	50-60	---	17.60	---	100.56	82.96
	5/23/2019		---	13.80	---	100.56	86.76
	11/20/2019		---	18.32	---	100.56	82.24
	5/14/2020		---	12.96	---	100.56	87.60
	1/13/2021		---	15.22	---	100.56	85.34
	7/7/2021		---	15.35	---	100.56	85.21
	12/22/2021		---	18.69	---	100.56	81.87
	6/16/2022		---	18.89	---	100.56	80.67
	11/2/2012		---	20.57	---	100.36	79.79
	5/6/2013		---	18.51	---	100.36	81.85
	11/6/2013		---	18.63	---	100.36	81.73
	4/22/2014		---	12.78	---	100.36	87.58
	11/4/2014		---	19.30	---	100.36	81.06
	4/14/2015		---	15.39	---	100.36	84.97
	10/26/2015		---	18.46	---	100.36	81.90
	4/15/2016		---	14.21	---	100.36	86.15
	11/15/2016		---	17.72	---	100.36	82.64
MW-12(10503)	4/18/2017	5-15	---	15.52	---	100.36	84.84
	11/7/2017		---	19.00	---	100.36	81.36
	5/10/2018		---	18.55	---	100.36	81.81
	5/23/2019		---	15.15	---	100.36	85.21
	11/20/2019		---	18.97	---	100.36	81.39
	5/14/2020		---	14.12	---	100.36	86.24
	1/13/2021		---	16.52	---	100.36	83.84
	7/7/2021		---	16.00	---	100.36	84.36
	12/22/2021		---	19.17	---	100.36	81.19
	6/16/2022		---	19.04	---	100.36	81.32
	11/2/2012**		10.97	10.98	0.01	99.63	88.66
	5/6/2013**		3.58	3.61	0.03	99.63	96.05
	11/6/2013**		5.27	5.29	0.02	99.63	94.36
	4/22/2014		---	2.38	---	99.63	97.25
	11/4/2014		---	7.54	---	99.63	92.09
	4/14/2015		---	4.09	---	99.63	95.54
	10/26/2015		---	2.95	---	99.63	96.68
	4/15/2016		---	3.46	---	99.63	96.17
	11/15/2016		---	9.00	---	99.63	90.63
	4/18/2017		---	5.61	---	99.63	94.02
	11/7/2017		---	12.70	---	99.63	86.93
	5/10/2018		---	8.59	---	99.63	91.04
	5/23/2019		---	4.86	---	99.63	94.77
	11/20/2019		---	10.59	---	99.63	89.04
	5/14/2020		---	3.43	---	99.63	96.20
	1/13/2021		---	5.90	---	99.63	93.73
	7/7/2021		---	7.08	---	99.63	92.55
	12/22/2021		---	13.21	---	99.63	86.42
	6/16/2022		---	11.81	---	99.63	87.82

**TABLE 2
POTENTIOMETRIC DATA (CASE #16)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT NUMBER 13-4609
SCDHEC SITE ID NUMBER 10503**

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-13(10503)	11/2/2012	5-15	---	10.89	---	99.34	88.45
	5/6/2013		---	3.30	---	99.34	96.04
	11/6/2013		---	5.61	---	99.34	93.73
	4/22/2014		---	2.56	---	99.34	96.78
	11/4/2014		---	7.90	---	99.34	91.44
	4/14/2015		---	4.21	---	99.34	95.13
	10/26/2015		---	3.74	---	99.34	95.60
	4/15/2016		---	3.58	---	99.34	95.76
	11/15/2016		---	8.82	---	99.34	90.52
	4/18/2017		---	5.03	---	99.34	94.31
	11/7/2017		---	12.32	---	99.34	87.02
	5/10/2018		---	8.45	---	99.34	90.89
	5/23/2019		---	5.09	---	99.34	94.25
	11/20/2019		---	10.71	---	99.34	88.63
	5/14/2020		---	4.20	---	99.34	95.14
	1/13/2021		---	5.55	---	99.34	93.79
	7/7/2021		---	7.20	---	99.34	92.14
MW-14(10503)	12/22/2021	5-15	---	13.35	---	99.34	85.99
	6/16/2022		---	11.65	---	99.34	87.69
	11/2/2012**		10.50	10.53	0.03	99.28	88.78
	5/6/2013		---	2.76	---	99.28	96.52
	11/6/2013**		5.31	5.34	0.03	99.28	93.97
	4/22/2014		---	1.79	---	99.28	97.49
	11/4/2014		---	6.29	---	99.28	92.99
	4/14/2015		---	3.33	---	99.28	95.95
	10/26/2015		---	3.20	---	99.28	96.08
	4/15/2016		---	2.32	---	99.28	96.96
	11/15/2016		---	7.43	---	99.28	91.85
	4/18/2017		---	4.28	---	99.28	95.00
	11/7/2017		---	DRY	---	99.28	DRY
	5/10/2018		---	7.59	---	99.28	91.69
	5/23/2019		---	3.86	---	99.28	95.42
	11/20/2019		---	9.96	---	99.28	89.32
	5/14/2020		---	4.62	---	99.28	94.66
MW-15(10503)	1/13/2021	5-15	---	5.37	---	99.28	93.91
	7/7/2021		---	7.10	---	99.28	92.18
	12/22/2021		---	7.41	---	99.28	91.87
	6/16/2022		---	11.37	---	99.28	87.91
	11/2/2012		---	6.21	---	99.71	93.50
	5/6/2013		---	1.90	---	99.71	97.81
	11/6/2013		---	5.51	---	99.71	94.20
	4/22/2014		---	2.75	---	99.71	96.96
	11/4/2014		---	8.64	---	99.71	91.07
	4/14/2015		---	4.49	---	99.71	95.22
	10/26/2015		---	3.30	---	99.71	96.41
	4/15/2016		---	3.42	---	99.71	96.29
	11/15/2016		---	10.10	---	99.71	89.61
	4/18/2017		---	5.91	---	99.71	93.80
	11/7/2017		---	12.56	---	99.71	87.15
	5/10/2018		---	9.73	---	99.71	89.98
	5/23/2019		---	4.87	---	99.71	94.84
MW-16(10503)	11/20/2019	5-15	---	11.46	---	99.71	88.25
	5/14/2020		---	4.05	---	99.71	95.66
	1/13/2021		---	6.67	---	99.71	93.04
	7/7/2021		---	7.03	---	99.71	92.68
	12/22/2021		---	13.03	---	99.71	86.68
	6/16/2022		---	11.36	---	99.71	88.35
	11/2/2012		---	6.71	---	99.55	92.84
	5/6/2013		---	2.35	---	99.55	97.20
	5/6/2013		---	5.91	---	99.55	93.64
	4/22/2014		---	3.10	---	99.55	96.45
	11/4/2014		---	8.89	---	99.55	90.66
	4/14/2015		---	4.30	---	99.55	95.25
	10/26/2015		---	4.71	---	99.55	94.84
	4/15/2016		---	3.62	---	99.55	95.93
	11/15/2016		---	10.36	---	99.55	89.19
	4/18/2017		---	6.16	---	99.55	93.39
	11/7/2017		---	13.42	---	99.55	86.13
MW-18(10503)	5/10/2018	5-15	---	9.95	---	99.55	89.60
	5/23/2019		---	5.01	---	99.55	94.54
	11/20/2019		---	11.86	---	99.55	87.69
	5/14/2020		---	4.82	---	99.55	94.73
	1/13/2021		---	7.10	---	99.55	92.45
	7/7/2021		---	9.61	---	99.55	89.94
	12/22/2021		---	13.83	---	99.55	85.72
	6/16/2022		---	12.50	---	99.55	87.05
	11/2/2012		---	11.21	---	99.72	88.51
	5/6/2013		---	3.22	---	99.72	96.50
	11/6/2013		---	5.92	---	99.72	93.80
	4/22/2014		---	3.04	---	99.72	96.68
	11/4/2014		---	7.95	---	99.72	91.77
	4/14/2015		---	4.07	---	99.72	95.65
	10/26/2015		---	4.29	---	99.72	95.43
	4/15/2016		---	3.15	---	99.72	96.57
	11/15/2016		---	8.51	---	99.72	91.21
MW-19(10503)	4/18/2017	15-25	---	4.25	---	99.72	95.47
	11/7/2017		---	13.90	---	99.72	85.82
	5/10/2018		---	8.05	---	99.72	91.67
	5/23/2019		---	5.22	---	99.72	94.50
	11/20/2019		---	11.01	---	99.72	88.71
	5/14/2020		---	4.06	---	99.72	95.66
	1/13/2021		---	5.79	---	99.72	93.93
	7/7/2021		---	7.72	---	99.72	92.00
	12/22/2021		---	13.70	---	99.72	86.02
	6/16/2022		---	8.29	---	99.72	91.43
	11/2/2012		---	14.80	---	99.28	84.48
	11/13/2012		---	17.48	---	99.28	81.80
	5/6/2013		---	15.22	---	99.28	84.06
	11/6/2013		---	17.24	---	99.28	82.04
	4/22/2014		---	9.11	---	99.28	90.17
	11/4/2014		---	15.23	---	99.28	84.05
	4/14/2015		---	9.70	---	99.28	89.58
	10/26/2015		---	11.16	---	99.28	88.12
	4/15/2016		---	8.38	---	99.28	90.90
	11/15/2016		---	12.86	---	99.28	86.42
	4/18/2017		---	9.23	---	99.28	90.05
	11/7/2017		---	15.88	---	99.28	83.40
	5/10/2018		---	12.97	---	99.28	86.31
	5/23/2019		---	9.41	---	99.28	89.87
	11/20/2019		---	15.03	---	99.28	84.25
	5/14/2020		---	8.38	---	99.28	90.90
	1/13/2021		---	9.80	---	99.28	89.48
	7/7/2021		---	11.39	---	99.28	87.89
	12/22/2021		---	15.91	---	99.28	83.37
	6/16/2022		---	15.31	---	99.28	83.97

**TABLE 2
POTENTIOMETRIC DATA (CASE #16)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT NUMBER 13-4609
SCDHEC SITE ID NUMBER 10503**

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-20(10503)	11/2/2012	15-25	---	DRY	---	98.79	DRY
	11/13/2012		---	17.42	---	98.79	81.37
	5/6/2013		---	13.55	---	98.79	85.24
	11/6/2013		---	15.19	---	98.79	83.60
	4/22/2014		---	9.06	---	98.79	89.73
	11/4/2014		---	15.75	---	98.79	83.04
	4/14/2015		---	11.39	---	98.79	87.40
	10/26/2015		---	14.31	---	98.79	84.48
	4/15/2016		---	8.89	---	98.79	89.90
	11/15/2016		---	13.52	---	98.79	85.27
	4/18/2017		---	4.74	---	98.79	94.05
	11/15/2016		---	15.39	---	98.79	83.40
	5/10/2018		---	16.83	---	98.79	81.96
	5/23/2019		---	9.56	---	98.79	89.23
	11/20/2019		---	15.14	---	98.79	83.65
	5/14/2020		---	8.58	---	98.79	90.21
	1/13/2021		---	10.72	---	98.79	88.07
	7/7/2021		---	11.44	---	98.79	87.35
	12/22/2021		---	16.79	---	98.79	82.00
	6/16/2022		---	15.86	---	98.79	82.93
MW-21(10503)	11/2/2012	5-15	---	10.83	---	99.13	88.30
	5/6/2013		---	3.27	---	99.13	95.86
	11/6/2013		---	6.82	---	99.13	92.31
	4/22/2014		---	2.84	---	99.13	96.29
	11/4/2014		---	8.35	---	99.13	90.78
	4/14/2015		---	3.21	---	99.13	95.92
	10/26/2015		---	6.47	---	99.13	92.66
	4/15/2016		---	4.10	---	99.13	95.03
	11/15/2016		---	9.00	---	99.13	90.13
	4/18/2017		---	4.92	---	99.13	94.21
	11/7/2017		---	12.11	---	99.13	87.02
	5/10/2018		---	8.23	---	99.13	90.90
	5/23/2019		---	4.82	---	99.13	94.31
	11/20/2019		---	10.69	---	99.13	88.44
	5/14/2020		---	4.01	---	99.13	95.12
	1/13/2021		---	5.38	---	99.13	93.75
	7/7/2021		---	6.60	---	99.13	92.53
	12/22/2021		---	13.14	---	99.13	85.99
	6/16/2022		---	12.21	---	99.13	86.92
MW-22(10503)	11/2/2012	5-15	---	10.87	---	99.09	88.22
	5/6/2013		---	3.03	---	99.09	96.06
	11/6/2013		---	5.89	---	99.09	93.20
	4/22/2014		---	2.56	---	99.09	96.53
	11/4/2014		---	8.91	---	99.09	90.18
	4/14/2015		---	3.80	---	99.09	95.29
	10/26/2015		---	6.94	---	99.09	92.15
	4/15/2016		---	2.75	---	99.09	96.34
	11/15/2016		---	9.07	---	99.09	90.02
	4/18/2017		---	4.77	---	99.09	94.32
	11/7/2017		---	12.02	---	99.09	87.07
	5/10/2018		---	7.51	---	99.09	91.58
	5/23/2019		---	4.42	---	99.09	94.67
	11/20/2019		---	10.83	---	99.09	88.26
	5/14/2020		---	3.54	---	99.09	95.55
	1/13/2021		---	4.80	---	99.09	94.29
	7/7/2021		---	6.79	---	99.09	92.30
	12/22/2021		---	13.01	---	99.09	86.08
	6/16/2022		---	11.41	---	99.09	87.68
MW-23(10503)	11/2/2012	5-15	---	10.62	---	99.15	88.53
	5/6/2013		---	3.09	---	99.15	96.06
	11/6/2013		---	5.67	---	99.15	93.48
	4/22/2014		---	2.33	---	99.15	96.82
	11/4/2014		---	9.04	---	99.15	90.11
	4/14/2015		---	3.85	---	99.15	95.30
	10/26/2015		---	7.21	---	99.15	91.94
	4/15/2016		---	2.92	---	99.15	96.23
	11/15/2016		---	8.89	---	99.15	90.26
	4/18/2017		---	4.88	---	99.15	94.27
	11/7/2017		---	12.05	---	99.15	87.10
	5/10/2018		---	8.91	---	99.15	90.24
	5/23/2019		---	4.64	---	99.15	94.51
	11/20/2019		---	10.67	---	99.15	88.48
	5/14/2020		---	3.78	---	99.15	95.37
	1/13/2021		---	5.18	---	99.15	93.97
	7/7/2021		---	7.00	---	99.15	92.15
	12/22/2021		---	DRY	---	99.15	DRY
	6/16/2022		---	11.31	---	99.15	87.84
MW-24(10503)	11/2/2012	15-25	---	DRY	---	99.40	DRY
	11/13/2012		---	18.21	---	99.40	81.19
	5/6/2013		---	15.42	---	99.40	83.98
	11/6/2013		---	15.89	---	99.40	83.51
	4/22/2014		---	10.81	---	99.40	88.59
	11/4/2014		---	16.59	---	99.40	82.81
	4/14/2015		---	12.01	---	99.40	87.39
	10/26/2015		---	16.03	---	99.40	83.37
	4/15/2016		---	10.52	---	99.40	88.88
	11/15/2016		---	14.75	---	99.40	84.65
	4/18/2017		---	11.45	---	99.40	87.95
	11/7/2017		---	16.40	---	99.40	83.00
	5/10/2018		---	15.38	---	99.40	84.02
	5/23/2019		---	11.73	---	99.40	87.67
	11/20/2019		---	16.59	---	99.40	82.81
	5/14/2020		---	10.56	---	99.40	88.84
	1/13/2021		---	12.44	---	99.40	86.96
	7/7/2021		---	13.31	---	99.40	86.09
	12/22/2021		---	17.13	---	99.40	82.27
	6/16/2022		---	15.93	---	99.40	83.47
MW-25(10503)	5/6/2013	25-30	---	15.76	---	99.79	84.03
	11/6/2013		---	16.43	---	99.79	83.36
	4/22/2014		---	11.15	---	99.79	88.64
	11/4/2014		---	15.26	---	99.79	84.53
	4/14/2015		---	5.93	---	99.79	93.86
	10/26/2015		---	9.21	---	99.79	90.58
	4/15/2016		---	9.45	---	99.79	90.34
	11/15/2016		---	14.03	---	99.79	85.76
	4/18/2017		---	11.60	---	99.79	88.19
	11/7/2017		---	13.66	---	99.79	86.13
	5/10/2018		---	13.90	---	99.79	85.89
	5/23/2019		---	8.23	---	99.79	91.56
	11/20/2019		---	12.13	---	99.79	87.66
	5/14/2020		---	8.13	---	99.79	91.66
	1/13/2021		---	10.65	---	99.79	89.14
	7/7/2021		---	13.42	---	99.79	86.37
	12/22/2021		---	17.52	---	99.79	82.27
	6/16/2022		---	16.43	---	99.79	83.36

**TABLE 2
POTENTIOMETRIC DATA (CASE #16)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT NUMBER 13-4609
SCDHEC SITE ID NUMBER 10503**

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-26i(10503)	5/6/2013	25-30	---	17.40	---	100.62	83.22
	11/6/2013		---	17.58	---	100.62	83.04
	4/22/2014		---	13.98	---	100.62	86.64
	11/4/2014		---	19.79	---	100.62	80.83
	4/14/2015		---	14.30	---	100.62	86.32
	10/26/2015		---	17.81	---	100.62	82.81
	4/15/2016		---	13.93	---	100.62	86.69
	11/15/2016		---	16.36	---	100.62	84.26
	4/18/2017		---	13.82	---	100.62	86.80
	11/7/2017		---	18.05	---	100.62	82.57
	5/10/2018		---	17.51	---	100.62	83.11
	5/23/2019		---	13.94	---	100.62	86.68
	11/20/2019		---	18.29	---	100.62	82.33
	5/14/2020		---	12.76	---	100.62	87.86
	1/13/2021		---	14.95	---	100.62	85.67
	7/7/2021		---	15.48	---	100.62	85.14
	12/22/2021		---	18.89	---	100.62	81.73
	6/16/2022		---	17.32	---	100.62	83.30
MW-27i(10503)	5/6/2013	25-30	---	16.58	---	99.86	83.28
	11/6/2013		---	16.80	---	99.86	83.06
	4/22/2014		---	12.28	---	99.86	87.58
	11/4/2014		---	17.81	---	99.86	82.05
	4/14/2015		---	13.35	---	99.86	86.51
	10/26/2015		---	16.28	---	99.86	83.58
	4/15/2016		---	12.69	---	99.86	87.17
	11/15/2016		---	15.25	---	99.86	84.61
	4/18/2017		---	12.40	---	99.86	87.46
	11/7/2017		---	NL	---	99.86	NL
	5/10/2018		---	NL	---	99.86	NL
	11/20/2019		---	NL	---	99.86	NL
	5/23/2019		---	13.39	---	99.86	86.47
	11/20/2019		---	17.89	---	99.86	81.97
MW-27iR(10503)	5/14/2020	25-30	---	12.15	---	99.86	87.71
	1/13/2021		---	14.50	---	99.86	85.36
	7/7/2021		---	14.85	---	99.86	85.01
	12/22/2021		---	18.42	---	99.86	81.44
	6/16/2022		---	17.58	---	99.86	82.28
	5/6/2013		---	15.00	---	99.10	84.10
	11/6/2013		---	15.62	---	99.10	83.48
MW-28i(10503)	4/22/2014	25-30	---	9.84	---	99.10	89.26
	11/4/2014		---	16.94	---	99.10	82.16
	4/14/2015		---	11.60	---	99.10	87.50
	10/26/2015		---	14.85	---	99.10	84.25
	4/15/2016		---	10.21	---	99.10	88.89
	11/15/2016		---	14.28	---	99.10	84.82
	4/18/2017		---	10.96	---	99.10	88.14
	11/7/2017		---	16.10	---	99.10	83.00
	5/10/2018		---	16.07	---	99.10	83.03
	5/23/2019		---	11.26	---	99.10	87.84
	11/20/2019		---	16.14	---	99.10	82.96
	5/14/2020		---	10.13	---	99.10	88.97
	1/13/2021		---	12.00	---	99.10	87.10
	7/7/2021		---	12.92	---	99.10	86.18
	12/22/2021		---	16.92	---	99.10	82.18
	6/16/2022		---	15.82	---	99.10	83.28
MW-29i(10503)	5/6/2013	25-30	---	14.22	---	98.95	84.73
	11/6/2013		---	14.71	---	98.95	84.24
	4/22/2014		---	9.82	---	98.95	89.13
	11/4/2014		---	15.82	---	98.95	83.13
	4/14/2015		---	11.16	---	98.95	87.79
	10/26/2015		---	14.62	---	98.95	84.33
	4/15/2016		---	9.66	---	98.95	89.29
	11/15/2016		---	13.89	---	98.95	85.06
	4/18/2017		---	10.42	---	98.95	88.53
	11/7/2017		---	NL	---	98.95	NL
	5/10/2018		---	NL	---	98.95	NL
	11/20/2019		---	NL	---	98.95	NL
	5/23/2019		---	11.02	---	98.95	86.47
MW-29iR(10503)	11/20/2019	25-30	---	16.03	---	98.95	82.92
	5/14/2020		---	9.92	---	98.95	89.03
	1/13/2021		---	11.71	---	98.95	87.24
	7/7/2021		---	14.03	---	98.95	84.92
	12/22/2021		---	16.72	---	98.95	82.23
	6/16/2022		---	15.31	---	98.95	83.64
	5/6/2013		---	14.42	---	99.47	85.05
MW-30i(10503)	11/6/2013	25-30	---	15.66	---	99.47	83.81
	4/22/2014		---	9.79	---	99.47	89.68
	11/4/2014		---	16.74	---	99.47	82.73
	4/14/2015		---	11.15	---	99.47	88.32
	10/26/2015		---	12.37	---	99.47	87.10
	4/15/2016		---	9.96	---	99.47	89.51
	11/15/2016		---	14.20	---	99.47	85.27
	4/18/2017		---	10.54	---	99.47	88.93
	11/7/2017		---	16.25	---	99.47	83.22
	5/10/2018		---	14.67	---	99.47	84.80
	5/23/2019		---	11.06	---	99.47	88.41
	11/20/2019		---	16.25	---	99.47	83.22
	5/14/2020		---	10.01	---	99.47	89.46
	1/13/2021		---	NS	---	99.47	NS
	7/7/2021		---	12.83	---	99.47	86.64
	12/22/2021		---	16.13	---	99.47	83.34
	6/16/2022		---	15.11	---	99.47	84.36
MW-31i(10503)	5/6/2013	25-30	---	13.55	---	98.66	85.11
	11/6/2013		---	14.68	---	98.66	83.98
	4/22/2014		---	9.06	---	98.66	89.60
	11/4/2014		---	15.94	---	98.66	82.72
	4/14/2015		---	10.38	---	98.66	88.28
	10/26/2015		---	11.84	---	98.66	86.82
	4/15/2016		---	9.15	---	98.66	89.51
	11/15/2016		---	15.49	---	98.66	83.17
	4/18/2017		---	9.80	---	98.66	88.86
	11/7/2017		---	15.30	---	98.66	83.36
	5/10/2018		---	17.20	---	98.66	81.46
	5/23/2019		---	10.24	---	98.66	88.42
	11/20/2019		---	15.31	---	98.66	83.35
	5/14/2020		---	9.19	---	98.66	89.48
	1/13/2021		---	10.60	---	98.66	88.06
	7/7/2021		---	13.19	---	98.66	85.47
	12/22/2021		---	16.70	---	98.66	81.96
	6/16/2022		---	14.89	---	98.66	83.77

**TABLE 2
POTENTIOMETRIC DATA (CASE #16)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT NUMBER 13-4609
SCDHEC SITE ID NUMBER 10503**

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-32i(10503)	5/6/2013	25-30	---	14.09	---	99.11	85.02
	11/6/2013		---	14.40	---	99.11	84.71
	4/22/2014		---	9.32	---	99.11	89.79
	11/4/2014		---	16.22	---	99.11	82.89
	4/14/2015		---	11.02	---	99.11	88.09
	10/26/2015		---	12.64	---	99.11	86.47
	4/15/2016		---	9.61	---	99.11	89.50
	11/15/2016		---	13.92	---	99.11	85.19
	4/18/2017		---	11.59	---	99.11	87.52
	11/7/2017		---	15.88	---	99.11	83.23
	5/10/2018		---	15.76	---	99.11	83.35
	5/23/2019		---	10.75	---	99.11	88.36
	11/20/2019		---	15.85	---	99.11	83.26
	5/14/2020		---	9.65	---	99.11	89.46
	1/13/2021		---	11.23	---	99.11	87.88
	7/7/2021		---	12.40	---	99.11	86.71
MW-33i(10503)	12/22/2021	25-30	---	16.65	---	99.11	82.46
	6/16/2022		---	15.41	---	99.11	83.70
	5/6/2013		---	13.85	---	98.94	85.09
	11/6/2013		---	15.00	---	98.94	83.94
	4/22/2014		---	9.43	---	98.94	89.51
	11/4/2014		---	16.21	---	98.94	82.73
	4/14/2015		---	10.70	---	98.94	88.24
	10/26/2015		---	12.29	---	98.94	86.65
	4/15/2016		---	9.39	---	98.94	89.55
	11/15/2016		---	13.55	---	98.94	85.39
	4/18/2017		---	10.17	---	98.94	88.77
	11/7/2017		---	15.61	---	98.94	83.33
	5/10/2018		---	14.17	---	98.94	84.77
	5/23/2019		---	10.56	---	98.94	88.38
	11/20/2019		---	15.60	---	98.94	83.34
	5/14/2020		---	9.41	---	98.94	89.53
MW-34i(10503)	1/13/2021	25-30	---	10.90	---	98.94	88.04
	7/7/2021		---	12.82	---	98.94	86.12
	12/22/2021		---	16.38	---	98.94	82.56
	6/16/2022		---	15.12	---	98.94	83.82
	5/6/2013		---	13.50	---	98.19	84.69
	11/6/2013		---	14.51	---	98.19	83.68
	4/22/2014		---	9.14	---	98.19	89.05
	11/4/2014		---	15.62	---	98.19	82.57
	4/14/2015		---	10.51	---	98.19	87.68
	10/26/2015		---	12.47	---	98.19	85.72
	4/15/2016		---	8.90	---	98.19	89.29
	11/15/2016		---	13.75	---	98.19	84.44
	4/18/2017		---	9.89	---	98.19	88.30
	11/7/2017		---	15.02	---	98.19	83.17
	5/10/2018		---	13.80	---	98.19	84.39
	5/23/2019		---	10.09	---	98.19	88.10
MW-35i(10503)	11/20/2019	25-30	---	14.98	---	98.19	83.21
	5/14/2020		---	8.94	---	98.19	89.25
	1/13/2021		---	10.63	---	98.19	87.56
	7/7/2021		---	12.80	---	98.19	85.39
	12/22/2021		---	15.81	---	98.19	82.38
	6/16/2022		---	15.06	---	98.19	83.13
	5/6/2013		---	14.97	---	98.53	83.56
	11/6/2013		---	14.90	---	98.53	83.63
	4/22/2014		---	9.67	---	98.53	88.86
	11/4/2014		---	16.02	---	98.53	82.51
	4/14/2015		---	10.96	---	98.53	87.57
	10/26/2015		---	12.81	---	98.53	85.72
	4/15/2016		---	9.37	---	98.53	89.16
	11/15/2016		---	13.70	---	98.53	84.83
	4/18/2017		---	Destroyed	---	98.53	Destroyed
	11/7/2017		---	Destroyed	---	98.53	Destroyed
MW-36i(10503)	5/10/2018	25-30	---	Destroyed	---	98.53	Destroyed
	5/23/2019		---	Destroyed	---	98.53	Destroyed
	11/20/2019		---	Destroyed	---	98.53	Destroyed
	5/14/2020		---	Destroyed	---	98.53	Destroyed
	5/6/2013		---	15.00	---	98.94	83.94
	11/6/2013		---	15.49	---	98.94	83.45
	4/22/2014		---	11.61	---	98.94	87.33
	11/4/2014		---	17.96	---	98.94	80.98
	4/14/2015		---	11.79	---	98.94	87.15
	10/26/2015		---	13.54	---	98.94	85.40
	4/15/2016		---	10.83	---	98.94	88.11
	11/15/2016		---	Destroyed	---	98.94	Destroyed
	4/18/2017		---	Destroyed	---	98.94	Destroyed
	11/7/2017		---	Destroyed	---	98.94	Destroyed
	5/10/2018		---	Destroyed	---	98.94	Destroyed
	5/23/2019		---	Destroyed	---	98.94	Destroyed
MW-37i(10503)	11/20/2019	25-30	---	Destroyed	---	98.94	Destroyed
	5/14/2020		---	Destroyed	---	98.94	Destroyed
	5/6/2013		---	15.99	---	99.07	83.08
	11/6/2013		---	15.84	---	99.07	83.23
	4/22/2014		---	11.43	---	99.07	87.64
	11/4/2014		---	16.90	---	99.07	82.17
	4/14/2015		---	12.53	---	99.07	86.54
	10/26/2015		---	15.11	---	99.07	83.96
	4/15/2016		---	10.64	---	99.07	88.43
	11/15/2016		---	Destroyed	---	99.07	Destroyed
	4/18/2017		---	Destroyed	---	99.07	Destroyed
	11/7/2017		---	Destroyed	---	99.07	Destroyed
	5/10/2018		---	Destroyed	---	99.07	Destroyed
	5/23/2019		---	Destroyed	---	99.07	Destroyed
	11/20/2019		---	Destroyed	---	99.07	Destroyed
	5/14/2020		---	Destroyed	---	99.07	Destroyed
MW-38i(10503)	5/6/2013	25-30	---	15.85	---	99.30	83.45
	11/6/2013		---	16.35	---	99.30	82.95
	4/22/2014		---	13.14	---	99.30	86.16
	11/4/2014		---	17.50	---	99.30	81.80
	4/14/2015		---	13.21	---	99.30	86.09
	10/26/2015		---	16.07	---	99.30	83.23
	4/15/2016		---	11.10	---	99.30	88.20
	11/15/2016		---	15.71	---	99.30	83.59
	4/18/2017		---	12.80	---	99.30	86.50
	11/7/2017		---	17.01	---	99.30	82.29
	5/10/2018		---	16.59	---	99.30	82.71
	5/23/2019		---	12.50	---	99.30	86.80
	11/20/2019		---	16.96	---	99.30	82.34
	5/14/2020		---	11.77	---	99.30	87.53
	1/13/2021		---	13.79	---	99.30	85.51
	7/7/2021		---	13.74	---	99.30	85.56
	12/22/2021		---	17.49	---	99.30	81.81
	6/16/2022		---	16.91	---	99.30	82.39

<p align="center">TABLE 2 POTENTIOMETRIC DATA (CASE #16) JALARAM/FORMER JR DELI BLYTHEWOOD, SOUTH CAROLINA MECI PROJECT NUMBER 13-4609 SCDHEC SITE ID NUMBER 10503</p>							
Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-39I(10503)	5/6/2013	25-30	---	17.21	---	99.47	82.26
	11/6/2013		---	16.77	---	99.47	82.70
	4/22/2014		---	12.77	---	99.47	86.70
	11/4/2014		---	17.71	---	99.47	81.76
	4/14/2015		---	13.80	---	99.47	85.67
	10/26/2015		---	16.84	---	99.47	82.63
	4/15/2016		---	11.89	---	99.47	87.58
	11/15/2016		---	Destroyed	---	99.47	Destroyed
	4/18/2017		---	Destroyed	---	99.47	Destroyed
	11/7/2017		---	Destroyed	---	99.47	Destroyed
	5/10/2018		---	Destroyed	---	99.47	Destroyed
	5/23/2019		---	Destroyed	---	99.47	Destroyed
	11/20/2019		---	Destroyed	---	99.47	Destroyed
	5/14/2020		---	Destroyed	---	99.47	Destroyed
MW-UNK1(10503)	11/2/2012	TD=11.45	---	9.11	---	99.91	90.80
	5/6/2013		---	1.51	---	99.91	98.40
	11/6/2013		---	4.03	---	99.91	95.88
	4/22/2014		---	2.50	---	99.91	97.41
	11/4/2014		---	6.40	---	99.91	93.51
	4/14/2015		---	3.45	---	99.91	96.46
	10/26/2015		---	3.21	---	99.91	96.70
	4/15/2016		---	3.11	---	99.91	96.80
	11/15/2016		---	9.02	---	99.91	90.89
	4/18/2017		---	4.52	---	99.91	95.39
	11/7/2017		---	DRY	---	99.91	DRY
	5/10/2018		---	9.70	---	99.91	90.21
	5/23/2019		---	3.89	---	99.91	96.02
	11/20/2019		---	11.01	---	99.91	88.90
	5/14/2020		---	5.64	---	99.91	94.27
	1/13/2021		---	5.94	---	99.91	93.97
MW-UNK2(10503)	7/7/2021	TD=12.80	---	5.65	---	99.91	94.26
	12/22/2021		---	DRY	---	99.91	DRY
	6/16/2022		---	11.96	---	99.91	87.95
	11/2/2012	TD=12.80	---	8.79	---	99.99	91.20
	5/6/2013		---	2.30	---	99.99	97.69
	11/6/2013		---	5.41	---	99.99	94.58
	4/22/2014		---	2.73	---	99.99	97.26
	11/4/2014		---	6.63	---	99.99	93.36
	4/14/2015		---	4.22	---	99.99	95.77
	10/26/2015		---	3.96	---	99.99	96.03
	4/15/2016		---	3.87	---	99.99	96.12
	11/15/2016		---	7.58	---	99.99	92.41
	4/18/2017		---	5.62	---	99.99	94.37
PW-1(10503)	11/7/2017	TD=26.00	---	DRY	---	99.99	DRY
	5/10/2018		---	8.63	---	99.99	91.36
	5/23/2019		---	5.16	---	99.99	94.83
	11/20/2019		---	11.25	---	99.99	88.74
	5/14/2020		---	4.46	---	99.99	95.53
	1/13/2021		---	6.42	---	99.99	93.57
	7/7/2021		---	7.31	---	99.99	92.68
	12/22/2021		---	DRY	---	99.99	DRY
	6/16/2022		---	11.83	---	99.99	88.16
	11/2/2012	TD=26.00	---	18.47	---	100.09	81.62
	5/6/2013		---	15.10	---	100.09	84.99
	11/6/2013		---	16.20	---	100.09	83.89
	4/22/2014		---	10.57	---	100.09	89.52
	11/4/2014		---	17.21	---	100.09	82.88
	4/14/2015		---	11.92	---	100.09	88.17
	10/26/2015		---	12.95	---	100.09	87.14
	4/15/2016		---	10.64	---	100.09	89.45
	11/15/2016		---	14.95	---	100.09	85.14
	4/18/2017		---	11.16	---	100.09	88.93
	11/7/2017		---	16.61	---	100.09	83.48
	5/10/2018		---	15.38	---	100.09	84.71
	5/23/2019		---	11.76	---	100.09	88.33
	11/20/2019		---	16.69	---	100.09	83.40
DW-1(10503)	5/14/2020	35-40	---	10.16	---	99.23	89.93
	1/13/2021		---	12.00	---	99.23	88.09
	7/7/2021		---	13.52	---	99.23	86.57
	12/22/2021		---	17.65	---	99.23	82.44
	6/16/2022		---	16.31	---	99.23	83.78
	11/2/2012		---	17.94	---	99.23	81.29
	5/6/2013		---	14.74	---	99.23	84.49
	11/6/2013		---	15.63	---	99.23	83.60
	4/22/2014		---	10.38	---	99.23	88.85
	11/4/2014		---	15.69	---	99.23	83.54
	4/14/2015		---	13.76	---	99.23	85.47
	10/26/2015		---	17.24	---	99.23	81.99
DW-2(10503)	4/15/2016	35-40	---	10.32	---	99.23	88.91
	11/15/2016		---	14.36	---	99.23	84.87
	4/18/2017		---	11.01	---	99.23	88.22
	11/7/2017		---	16.04	---	99.23	83.19
	5/10/2018		---	19.05	---	99.23	80.18
	5/23/2019		---	11.36	---	99.23	87.87
	11/20/2019		---	16.22	---	99.23	83.01
	5/14/2020		---	10.22	---	99.23	89.01
	1/13/2021		---	11.93	---	99.23	87.30
	7/7/2021		---	12.98	---	99.23	86.25
	12/22/2021		---	16.81	---	99.23	82.42
	6/16/2022		---	15.61	---	99.23	83.62
	11/2/2012	35-40	---	2.41	---	99.28	96.87
	5/6/2013		---	0.00	---	99.28	99.28
	11/6/2013		---	17.90	---	99.28	81.38
	4/22/2014		---	11.33	---	99.28	87.95
	11/4/2014		---	11.45	---	99.28	87.83
	4/14/2015		---	11.32	---	99.28	87.96
	10/26/2015		---	14.96	---	99.28	84.32
	4/15/2016		---	9.74	---	99.28	89.54
	11/15/2016		---	14.55	---	99.28	84.73
	4/18/2017		---	12.03	---	99.28	87.25
	11/7/2017		---	14.78	---	99.28	84.50
	5/10/2018		---	15.00	---	99.28	84.28
	5/23/2019		---	11.26	---	99.28	88.02
	11/20/2019		---	16.23	---	99.28	83.05
	5/14/2020		---	10.17	---	99.28	89.11
DW-2(10503)	1/13/2021	35-40	---	11.84	---	99.28	87.44
	7/7/2021		---	13.02	---	99.28	86.26
	12/22/2021		---	16.66	---	99.28	82.62
	6/16/2022		---	15.42	---	99.28	83.86
			---		---		
			---		---		

<p align="center">TABLE 2 POTENTIOMETRIC DATA (CASE #16) JALARAM/FORMER JR DELI BLYTHEWOOD, SOUTH CAROLINA MECI PROJECT NUMBER 13-4609 SCDHEC SITE ID NUMBER 10503</p>							
Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
DW-3(10503)	5/6/2013	45-50	---	18.89	---	100.71	81.82
	11/6/2013		---	19.10	---	100.71	81.61
	4/22/2014		---	16.02	---	100.71	84.69
	11/4/2014		---	18.81	---	100.71	81.90
	4/14/2015		---	16.91	---	100.71	83.80
	10/26/2015		---	20.56	---	100.71	80.15
	4/15/2016		---	14.62	---	100.71	86.09
	11/15/2016		---	18.30	---	100.71	82.41
	4/18/2017		---	15.82	---	100.71	84.89
	11/7/2017		---	18.40	---	100.71	82.31
	5/10/2018		---	18.80	---	100.71	81.91
	5/23/2019		---	15.82	---	100.71	84.89
	11/20/2019		---	19.40	---	100.71	81.31
	5/14/2020		---	14.72	---	100.71	85.99
	1/13/2021		---	16.20	---	100.71	84.51
	7/7/2021		---	17.63	---	100.71	83.08
DW-4(10503)	12/22/2021	45-50	---	19.72	---	100.71	80.99
	6/16/2022		---	19.76	---	100.71	80.95
	5/6/2013		---	16.48	---	99.37	82.89
	11/6/2013		---	16.70	---	99.37	82.67
	4/22/2014		---	13.26	---	99.37	86.11
	11/4/2014		---	17.76	---	99.37	81.61
	4/14/2015		---	14.28	---	99.37	85.09
	10/26/2015		---	17.32	---	99.37	82.05
	4/15/2016		---	11.81	---	99.37	87.56
	11/15/2016		---	16.00	---	99.37	83.37
	4/18/2017		---	13.58	---	99.37	85.79
	11/7/2017		---	17.50	---	99.37	81.87
	5/10/2018		---	17.26	---	99.37	82.11
	5/23/2019		---	12.97	---	99.37	86.40
	11/20/2019		---	17.19	---	99.37	82.18
	5/14/2020		---	11.63	---	99.37	87.74
RW-1(10503)	1/13/2021	2-14	---	14.88	---	99.37	84.49
	7/7/2021		---	14.58	---	99.37	84.79
	12/22/2021		---	17.64	---	99.37	81.73
	6/16/2022		---	17.34	---	99.37	82.03
	1/21/2014		---	2.80	---	99.82	97.02
	11/15/2016		---	5.36	---	99.82	94.46
	4/18/2017		---	5.21	---	99.82	94.61
	11/7/2017		---	DRY	---	99.82	DRY
	5/10/2018		---	9.44	---	99.82	90.38
	5/23/2019		---	4.08	---	99.82	95.74
	11/20/2019		---	8.81	---	99.82	91.01
	5/14/2020		---	3.61	---	99.82	96.21
	1/13/2021		---	6.56	---	99.82	93.26
	7/7/2021		---	6.41	---	99.82	93.41
	12/22/2021		---	13.72	---	99.82	86.10
	6/16/2022		---	NM	---	99.82	NM
RW-2(10503)	1/21/2014	2-14	---	2.75	---	99.52	96.77
	11/15/2016		---	7.56	---	99.52	91.96
	4/18/2017		---	5.11	---	99.52	94.41
	11/7/2017		---	DRY	---	99.52	DRY
	5/10/2018		---	9.53	---	99.52	89.99
	5/23/2019		---	4.46	---	99.52	95.06
	11/20/2019		---	9.39	---	99.52	90.13
	5/14/2020		---	3.61	---	99.52	95.91
	1/13/2021		---	6.35	---	99.52	93.17
	7/7/2021		---	6.72	---	99.52	92.80
	12/22/2021		---	6.71	---	99.52	92.81
	6/16/2022		---	NM	---	99.52	NM
	1/21/2014		---	4.52	---	99.54	95.02
	11/15/2016		---	8.80	---	99.54	90.74
	4/18/2017		---	5.00	---	99.54	94.54
	11/7/2017		---	DRY	---	99.54	DRY
RW-3(10503)	5/10/2018	2-17	---	8.55	---	99.54	90.99
	5/23/2019		---	4.29	---	99.54	95.25
	11/20/2019		---	11.09	---	99.54	88.45
	5/14/2020		---	3.49	---	99.54	96.05
	1/13/2021		---	5.92	---	99.54	93.62
	7/7/2021		---	7.31	---	99.54	92.23
	12/22/2021		---	12.11	---	99.54	87.43
	6/16/2022		---	NM	---	99.54	NM
	1/21/2014		---	4.04	---	99.31	95.27
	11/15/2016		---	8.51	---	99.31	90.80
	4/18/2017		---	4.33	---	99.31	94.98
	11/7/2017		---	DRY	---	99.31	DRY
	5/10/2018		---	8.50	---	99.31	90.81
	5/23/2019		---	4.16	---	99.31	95.15
	11/20/2019		---	10.77	---	99.31	88.54
	5/14/2020		---	3.36	---	99.31	95.95
RW-4(10503)	1/13/2021	2-17	---	5.70	---	99.31	93.61
	7/7/2021		---	6.98	---	99.31	92.33
	12/22/2021		---	12.63	---	99.31	86.68
	6/16/2022		---	NM	---	99.31	NM
	1/21/2014		---	5.12	---	98.72	93.60
	11/15/2016		---	8.60	---	98.72	90.12
	4/18/2017		---	4.68	---	98.72	94.04
	11/7/2017		---	DRY	---	98.72	DRY
	5/10/2018		---	8.05	---	98.72	90.67
	5/23/2019		---	3.57	---	98.72	95.15
	11/20/2019		---	10.22	---	98.72	88.50
	5/14/2020		---	2.72	---	98.72	96.00
	1/13/2021		---	4.37	---	98.72	94.35
	7/7/2021		---	6.42	---	98.72	92.30
	12/22/2021		---	6.82	---	98.72	91.90
	6/16/2022		---	NM	---	98.72	NM
RW-6(10503)	1/21/2014	2-15	---	5.53	---	98.99	93.46
	11/15/2016		---	DRY	---	98.99	DRY
	4/18/2017		---	4.32	---	98.99	94.67
	11/7/2017		---	DRY	---	98.99	DRY
	5/10/2018		---	8.15	---	98.99	90.84
	5/23/2019		---	3.82	---	98.99	95.17
	11/20/2019		---	Obstruction	---	98.99	Obstruction
	5/14/2020		---	2.98	---	98.99	96.01
	1/13/2021		---	4.60	---	98.99	94.39
	7/7/2021		---	6.83	---	98.99	92.16
	12/22/2021		---	6.95	---	98.99	92.04
	6/16/2022		---	---	---	98.99	NM

Notes: 1. Elevations based on assumed site datum.
2. Groundwater depths were measured from the top of the PVC riser pipe.
3. Groundwater levels measured on 12/22/2021.
4. DRY = Well Dry at the time of Sampling
5. NM = Not Measured during Field Activities
6. * = Groundwater elevation for corrected for the presence of free phase petroleum product based on a specific gravity of fuel of 0.85.
7. Covered = MW-5 covered by vehicle

TABLE 3
GROUNDWATER COC CONCENTRATION DATA (QUARTERLY MONITORING REPORT #14)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT NUMBER 13-4609
SCDHEC ID NUMBER 10503

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)
MW-1	11/02/12	PROD	PROD	PROD	PROD	PROD	PROD
	05/06/13	PROD	PROD	PROD	PROD	PROD	PROD
	11/06/13	PROD	PROD	PROD	PROD	PROD	PROD
	04/22/14	81J	1,200	1,300	11,000	570	<500
	11/04/14	200	1,650	1,480	10,370	442	<125
	04/14/15	576	3,040	723	7,780	390	<50.0
	10/26/15	643	3,190	697	6,840	365	<125
	04/15/16	380	1,200	870	5,000	280B	<20
	11/15/16	140	220	400	5,000	270	<50
	04/18/17	578	1,940	955	7,480	345	<125
	11/07/17	513	235	982	4,920	348	<25.0
	05/10/18	373	115	779	4,260	435	<20.0
	05/23/19	334	91.2	1,480	1,850	572	<10.0
	12/10/19	<0.15	<0.24	0.41J	<0.63	<0.35	<0.28
	05/14/20	0.43J	2.4	0.87J	4.9	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	1.5	<0.48	0.66 J	<0.34	<0.64	0.62 J
MW-2	11/02/12	320	290	83	230	<50	<50
	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	0.58J	<5.0	<5.0	2.9J	<5.0	<5.0
	04/22/14	1.5J	2.5J	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	6.4	<1.0	<1.0	<1.0	<1.0	0.39J
	11/15/16	0.52J	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	0.53J	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
MW-3	11/02/12	1.8J	<5.0	<5.0	2.0J	<5.0	<5.0
	05/06/13	4.3BJ	<5.0	<5.0	<5.0	2.0J	<5.0
	11/06/13	3.2J	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	30	41	21	32	18	<5.0
	11/04/14	3.8J	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	5.3	0.30J	6	0.85J	1.1B	<1.0
	11/15/16	1.7	0.87J	0.99J	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	3.4	0.41J	0.45J	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	12.9	<1.0	<1.0	9.6	4.2	<1.0
	11/20/19	3.4	0.53 J	6.0	<0.63	2.4	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	4.8	118	4.0	60.6	1.2	<1.0
	07/07/21	11.0	<0.48	<0.30	<0.34	8.8	<0.42
MW-4	11/02/12	0.98J	9.0	3.9J	20	2.1J	<5.0
	05/06/13	0.27BJ	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	35.1	<5.0	<5.0	7.3	<5.0	<5.0
	04/14/15	Covered	Covered	Covered	Covered	Covered	Covered
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	0.60J	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
MW-5	11/02/12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	Covered	Covered	Covered	Covered	Covered	Covered
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	1.8	<1.0	<1.0	<1.0	3.8	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
MW-6	11/02/12	14	4.6J	<5.0	3.3J	<5.0	<5.0
	05/06/13	0.50BJ	<5.0	<5.0	<5.0	<5.0	0.45J
	11/06/13	25	<5.0	9.4	2.2J	17	1.6J
	04/22/14	0.75J	<5.0	<5.0	<5.0	<5.0	0.65J
	11/04/14	107	1.7J	34.4	35	9.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	0.32J	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	2.7	<1.0	1.2	<1.0	2.5	<1.0
	05/10/18	0.47J	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	0.32 J	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42

TABLE 3
GROUNDWATER COC CONCENTRATION DATA (QUARTERLY MONITORING REPORT #14)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT NUMBER 13-4609
SCDHEC ID NUMBER 10503

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)
MW-7	11/02/12	PROD	PROD	PROD	PROD	PROD	PROD
	05/06/13	PROD	PROD	PROD	PROD	PROD	PROD
	11/06/13	PROD	PROD	PROD	PROD	PROD	PROD
	04/22/14	300	4,900	1,000	5,900	210J	<250
	11/04/14	2,210	7,870	1,440	7,130	318	<250
	04/14/15	1,810	3,320	973	3,170	214	<50.0
	10/26/15	1,360	4,590	920	3,180	229	<125
	04/15/16	88	310	210	650	44B	<10
	11/15/16	200	2,000	580	3,000	110	<50
	04/18/17	81.4	934	460	1,490	87.9	<25.0
	11/07/17	83.8	466	274	1,460	76.2	<5.0
	05/10/18	33.5	116	66.6	339	26.7	<1.0
	05/23/19	<1.0	0.50J	0.84J	1.3	<1.0	<1.0
	11/20/19	63.3	107	142	447	57.1	<0.55
	05/14/20	0.44 J	0.73 J	1.0	1.8	0.51 J	<0.28
	01/13/21	18.0	139	151	504	55.6	<1.0
	07/07/21	<0.34	1.2	2.1	6.9	<0.64	<0.42
MW-8	11/02/12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	3.3	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	0.35J	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
MW-9	11/02/12	480J	2,400	880	2,900	<500	<500
	05/06/13	0.54BJ	18	2.4J	18	<5.0	<5.0
	11/06/13	9.9J	710	130	680	29	<25
	04/22/14	5.1	99	20	110	5.4	<5.0
	11/04/14	84.2	32.7	23.4	44	9.1	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	17	6.9	130	86	45	<5.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	558	105	393	350	90.0	<5.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	3.1	1.3	17.3	20.4	11.6	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
MW-10	11/02/12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
MW-11	11/02/12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	0.44J	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
MW-12	11/02/12	PROD	PROD	PROD	PROD	PROD	PROD
	05/06/13	PROD	PROD	PROD	PROD	PROD	PROD
	11/06/13	PROD	PROD	PROD	PROD	PROD	PROD
	04/22/14	2,600	17,000	2,000	9,800	450J	<1,000
	11/04/14	283	1,530	183	753	<50.0	<50.0
	04/14/15	378	1,000	102	335	6.3J	<12.5
	10/26/15	1,080	1,670	166	829	53.3	<50.0
	04/15/16	1,200	6,500	570	3,400	41BJ	<50
	11/15/16	1,500	1,400	270	610	9.2J	<20
	04/18/17	1,950	604	322	567	<50.0	<50.0
	11/07/17	984	6.5J	102	73	16.6	<10.0
	05/10/18	318	6.7	14.4	12.9	1.1	<2.0
	05/23/19	14.6	4.0	19.6	26.3	3.8	<1.0
	11/20/19	195	2.1	9.5	<0.63	<0.35	<0.28
	05/14/20	4.9	0.50 J	2.3	4.2	0.59 J	<0.28
	01/13/21	2530	588	234	617	21.9	<1.0
	07/07/21	72.0	115	56.6	99.8	0.92 J	<0.42

TABLE 3
GROUNDWATER COC CONCENTRATION DATA (QUARTERLY MONITORING REPORT #14)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT NUMBER 13-4609
SCDHEC ID NUMBER 10503

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)
MW-13	11/02/12	8,500	21,000E	2,300	11,000	820	<500
	05/06/13	320B	1,100	290	1,400	120	<100
	11/06/13	58	100	130	260	49J	<50
	04/22/14	5.4	<5.0	35	10	17	<5.0
	11/04/14	30.1	20.5	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	1.5	0.58J	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	2.4	<1.0	0.32J	<1.0	<1.0	<1.0
	05/23/19	0.80J	0.31J	0.63J	<1.0	<1.0	<1.0
	11/20/19	6.8	1.3	2.8	<0.63	<0.35	<0.28
	05/14/20	2.9	<0.24	1.6	<0.63	<0.35	<0.28
	01/13/21	4.2	0.30J	0.94J	<1.0	<1.0	<1.0
	07/07/21	2.3	<0.48	<0.30	<0.34	<0.64	<0.42
MW-14	11/02/12	PROD	PROD	PROD	PROD	PROD	PROD
	05/06/13	120BJ	2,300	1,000	6,600	370J	<500
	11/06/13	PROD	PROD	PROD	PROD	PROD	PROD
	04/22/14	2.0J	45	66	200	27	<5.0
	11/04/14	68.5	452	253	814	15.5J	<20.0
	04/14/15	6.0	442	592	2,960	91.9	<5.0
	10/26/15	11.3J	115	398	1,142	181	<20.0
	04/15/16	13	55	140	450	26B	<5.0
	11/15/16	73	1,800	650	2,600	180	<20
	04/18/17	161	1,260	402	1,900	111	<50.0
	11/07/17	DRY	DRY	DRY	DRY	DRY	DRY
	05/10/18	27.6	954	329	1,390	78.5	<10.0
	05/23/19	4.8J	357	294	935	129	<10.0
	11/20/19	0.89 J	0.43 J	6.1	3.1	2.3	<0.28
	05/14/20	0.48 J	0.27 J	3.1	<0.63	0.46 J	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	4.1	0.59 J	<0.64	<0.42
MW-15	11/02/12	130Q	9.2Q	36Q	83Q	<5.0Q	0.62JQ
	05/06/13	17	11	24	51	8.3	<5.0
	11/06/13	2,300	9,000	610	2,500	100J	<250
	04/22/14	1,500	3,400	590	2,000	170J	<500
	11/04/14	161	24.0	25.2	15.0J	<5.0	<5.0
	04/14/15	151	40.2	49.7	56.4	1.6J	0.51J
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	37	0.25J	3.7	0.63J	<1.0	0.54J
	11/15/16	73	8.8	45	21	5.5	<1.0
	04/18/17	11.1	<5.0	4.0J	<10.0	<5.0	<5.0
	11/07/17	21.5	4.4	16.7	9.6	1.4	<1.0
	05/10/18	240	269	133	492	2.7	<2.0
	05/23/19	54.6	5.6	12.4	6.9	0.35J	0.43J
	11/20/19	2.0	1.4	3.2	4.0	0.50 J	<0.28
	05/14/20	20.5	0.47 J	2.4	<0.63	<0.35	0.61 J
	01/13/21	16.2	3.8	18.8	6.7	0.63J	<1.0
	07/07/21	73.3	3.2	26.5	3.1	<0.64	2.2
MW-16	11/02/12	0.36JQ	6.2Q	<5.0Q	63Q	24Q	<5.0Q
	05/06/13	0.45BJ	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	21	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	8.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	0.55J	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	710	7,500	2,600	18,000	840	<50
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	157	2,260	624	5,080	407	<12.5
	05/10/18	12.9	9.0	70.6	166	34.3	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/10/19	183	2,110	1,840	6,950	684	<20.0
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	0.77J	1.1	9.5	11.4	4.2	<1.0
	07/07/21	1.6	0.81 J	1.4	3.6	1.7	<0.42
MW-18	11/02/12	11,000	32,000	3,100	17,000	<2,500	<2,500
	05/06/13	7.1B	39	4.7J	87	2.0J	<5.0
	11/06/13	<5.0	2.2J	<5.0	3.6J	<5.0	<5.0
	04/22/14	8,100	19,000	1,100	5,700	<1,000	<1,000
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	4.6	0.51J	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	6.1	0.69J	10	<1.0	<1.0
	04/18/17	<5.0	7.2	<5.0	18.3	<5.0	<5.0
	11/07/17	<1.0	1.1	0.41J	<1.0	<1.0	<1.0
	05/10/18	0.68J	16.2	7.5	65.7	<1.0	<1.0
	05/23/19	0.87J	23.9	10.4	30	0.81J	<1.0
	11/20/19	11.7	255	88.4	365	5.9	<0.55
	05/14/20	<0.15	5.8	0.74 J	11.3	<0.35	<0.28
	01/13/21	0.59J	22.8	14.5	41.6	0.41J	<1.0
	07/07/21	<0.34	3.9	0.88 J	20.3	<0.64	<0.42
MW-19	11/02/13	250E	460E	44	240	9.7	2.5J
	11/13/12	13,000	22,000	2,500	12,000	420	110
	05/06/13	3,600B	13,000	1,200	7,300	210J	<500
	11/06/13	5,500	17,000	1,500J	7,300	<2,500	<2,500
	04/22/14	6,200	15,000	1,500	7,800	240J	<500
	11/04/14	80.5	160	45.4	205.6	12.8	<5.0
	04/14/15	2,560	10,000	817	3,480	168	<1.0
	10/26/15	236	1,020	279	1,369	114	<50.0
	04/15/16	28,000	50,000	8,000	29,000	1,500B	<500
	11/15/16	910	3,000	440	1,700	90	<50
	04/18/17	103	307	142	485	36	<10.0
	11/07/17	265	2,880	438	1,950	101	<20.0
	05/10/18	135	315	190	644	47.1	<2.0
	05/23/19	419	1,990	355	1,090	77.9	<12.5
	11/20/19	587	<1.2	574	<3.2	133	<1.4
	05/14/20	190	509	203	302	39.5	<1.4
	08/28/20	942	164	601	654	116	<1.4
	01/13/21	79.5	15.3	164	343	57.9	<2.0
	07/07/21	47.6	55.4	117	237	20.0	<0.42

TABLE 3
GROUNDWATER COC CONCENTRATION DATA (QUARTERLY MONITORING REPORT #14)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT NUMBER 13-4609
SCDHEC ID NUMBER 10503

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)
MW-20	11/02/12	DRY	DRY	DRY	DRY	DRY	DRY
	11/13/12	510	490	110	290	18J	6.0J
	05/06/13	140	26	41	37	15	1.2J
	11/06/13	18	<5.0	<5.0	1.8J	2.6J	<5.0
	04/22/14	0.56J	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	18.8	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	2.7	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	0.54J	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	82.6	0.51J	3.0	<1.0	2.4	<1.0
	05/10/18	3.1	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
MW-21	01/13/21	0.36J	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
	11/02/12	3,200	11,000	650J	5,300	<1,000	<1,000
	05/06/13	3,400B	12,000S	790	4,500S	<500	<500S
	11/06/13	680	1,100	220	910	67	<50
	04/22/14	4,500	17,000	1,000	4,900	<500	<500
	11/04/14	41.8	465	118	399	<20.0	<20.0
	04/14/15	48.3	175	29.1	90.4	<2.0	<2.0
	10/26/15	11.3	6.5	13.3	32.1	<5.0	<5.0
	04/15/16	19	33	3.6	8.1	<1.0	0.42J
	11/15/16	7.3	8.8	10	35	<1.0	<1.0
	04/18/17	<5.0	10.3	3.9J	5.2J	<5.0	<5.0
	11/07/17	41.4	247	162	253	1.5J	<2.0
	05/10/18	1.3	0.29J	2.6	<1.0	0.58J	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	10.5	70.6	97.2	127	1.8	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
MW-22	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
	11/02/12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	2.2	<1.0	1.2	<2.0	<1.0	<1.0
	10/26/15	2.1J	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	0.42 J	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
MW-23	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
	11/02/12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	6.5	<5.0	<5.0	5.1	2.3J	0.71J
	04/22/14	2.4J	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	1,600	2,380	399	1,846	94.3	<62.5
	04/14/15	993	144	253	426	40.3	5.3J
	10/26/15	521	425	184	333	60.1	<12.5
	04/15/16	27	0.30J	0.85J	<1.0	8.2B	1.8
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	30.4	0.28J	1.4	<1.0	2.8	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
MW-24	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
	11/02/12	DRY	DRY	DRY	DRY	DRY	DRY
	11/13/12	61	<5.0	<5.0	<5.0	5.4	21
	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	850	1,700	300	1,400	100	20J
	11/04/14	68.0	10.1	14.5	28	4.0J	7.0
	04/14/15	114	107	26.8	106	13.2	5.8
	10/26/15	15.2	23.4	6.0	20.9	<5.0	<5.0
	04/15/16	18.0	<1.0	0.81J	<1.0	1.4	11
	11/15/16	3.9	<1.0	1.8	0.97J	0.67J	4.8
	04/18/17	14.7	2.8J	7.4	<10.0	3.7J	7.4
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	3.4
	05/10/18	12.4	14.7	7.8	27.8	2.2	0.98J
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	2.1
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	0.93 J
MW-25i	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	10.7
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	0.59 J
	05/06/13	820	270	88	610	64	21J
	11/06/13	360	17J	41J	290	42J	23J
	04/22/14	110	<25	<25	52	9.9J	11J
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	0.33J
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42

TABLE 3
GROUNDWATER COC CONCENTRATION DATA (QUARTERLY MONITORING REPORT #14)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT NUMBER 13-4609
SCDHEC ID NUMBER 10503

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)
MW-26i	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	2.1J
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	1.1J
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	0.94J
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	2.2J
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	1.6
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	16	<1.0	0.51J	1.8	1.1	3.9
	11/15/16	27	<1.0	0.84J	<1.0	3.2	4.8
	04/18/17	10.7	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	0.37J
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	0.54J
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	0.84J
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	0.51 J
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	0.48 J
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	1.2
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
MW-27i	05/06/13	220	5.9	15	110	15	22
	11/06/13	770	<100	40J	450	69J	32J
	04/22/14	1,900	2,400	360	1,600	97J	30J
	11/04/14	992	761	178	779	60.9	16.3J
	04/14/15	<1.0	0.29J	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	6.2	2.0	0.29J	1.1	<1.0	0.36J
	11/15/16	42	5.7	<1.0	<1.0	<1.0	2.2
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	NL	NL	NL	NL	NL	NL
	05/10/18	NL	NL	NL	NL	NL	NL
	05/23/19	87.3	1.0	4.0	5.9	0.49J	1.1
	11/20/19	200	0.81 J	1.9 J	<1.3	<0.70	<0.55
	05/14/20	168	0.47 J	19.3	5.3	5.5	<0.28
	08/28/20	112	0.39 J	22.7	5.2	0.48 J	0.44 J
	01/13/21	18.7	<1.0	4.0	1.3	1.4	0.38J
	07/07/21	32.9	0.49 J	11.5	3.0	0.95 J	<0.42
MW-28i	05/06/13	4,500	5,800	740	3,500	180J	92J
	11/06/13	3,300	5,300	690	3,100	190J	37J
	04/22/14	1,900	3,200	460	2,000	110J	<250
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	2.2	0.79J	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	3.1	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	1.1	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	2.6	1.3	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	0.29 J	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	5.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	1.4	<0.48	<0.30	<0.34	<0.64	<0.42
MW-29i	05/06/13	700	250	54	280	29	<25
	11/06/13	15	<5.0	<5.0	2.4J	4.5J	<5.0
	04/22/14	62	<5.0	<5.0	12	2.4J	<5.0
	11/04/14	33.8	<5.0	<5.0	6.1	2.6J	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	1.4	<1.0	<1.0	0.39J	0.23BJ	<1.0
	11/15/16	0.64J	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	NL	NL	NL	NL	NL	NL
	05/10/18	NL	NL	NL	NL	NL	NL
	05/23/19	0.41J	1.5	0.48J	3.3	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
MW-29iR	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	NS	NS	NS	NS	NS	NS
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
MW-30i	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	NS	NS	NS	NS	NS	NS
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
MW-31i	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42

TABLE 3
GROUNDWATER COC CONCENTRATION DATA (QUARTERLY MONITORING REPORT #14)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT NUMBER 13-4609
SCDHEC ID NUMBER 10503

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)
MW-32i	05/06/13	22	<5.0	<5.0	4.1J	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
MW-33i	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	0.50J
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
MW-34i	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
MW-35i	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	0.41J
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	NL	NL	NL	NL	NL	NL
	11/07/17	NL	NL	NL	NL	NL	NL
	05/10/18	NL	NL	NL	NL	NL	NL
	05/23/19	NL	NL	NL	NL	NL	NL
	11/20/19	NL	NL	NL	NL	NL	NL
	05/14/20	NL	NL	NL	NL	NL	NL
MW-36i	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	04/18/17	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	11/07/17	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	05/10/18	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	05/23/19	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	11/20/19	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	05/14/20	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
MW-37i	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	0.56J
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	04/18/17	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	11/07/17	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	05/10/18	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	05/23/19	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	11/20/19	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	05/14/20	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED

TABLE 3
GROUNDWATER COC CONCENTRATION DATA (QUARTERLY MONITORING REPORT #14)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT NUMBER 13-4609
SCDHEC ID NUMBER 10503

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)
MW-38i	05/06/13	45	<5.0	<5.0	5.6	<5.0	11
	11/06/13	590	<25	<25	100	26	25
	04/22/14	940	<100	<100	290	41J	15J
	11/04/14	500	3.8J	7.0	160.0	25.6	7.8
	04/14/15	4.1	<1.0	<1.0	<2.0	<1.0	0.70J
	10/26/15	3.3J	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
MW-39i	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	7.2
	11/06/13	0.46J	<5.0	<5.0	<5.0	<5.0	10
	04/22/14	300	<25	<25	64	12J	14J
	11/04/14	562	<5.0	<5.0	147	27.1	11.9
	04/14/15	136	0.33J	<1.0	105	16.9	6.7
	10/26/15	236	<5.0	<5.0	71.6	11.6	6.2
	04/15/16	37	<1.0	<1.0	9.4	1.1B	0.90J
	11/15/16	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	04/18/17	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	11/07/17	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	05/10/18	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	05/23/19	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	11/20/19	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
	05/14/20	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
MW-Unk1	11/02/12	2,000J	20,000	3,400	15,000	<2,500	<2,500
	05/06/13	130	1,400	610	2,200	160	<100
	11/06/13	9.3J	140	260	720	63	<25
	04/22/14	29	350	590	1,900	130	<25
	11/04/14	129	2,880	1,750	8,110	429	<125
	04/14/15	4.4	155	167	1,070	17.7	<2.0
	10/26/15	2.2J	6.2	104	186.7	46.7	<5.0
	04/15/16	2.9J	7.4	19	40	<5.0	<5.0
	11/15/16	<5.0	<5.0	13	21	<5.0	<5.0
	04/18/17	43.8	103	735	666	77.1	<25.0
	11/07/17	DRY	DRY	DRY	DRY	DRY	DRY
	05/10/18	294	41.1	843	941	40.7	<5.0
	05/23/19	0.86J	1.5	91.6	35.2	53.8	<1.0
	11/20/19	96.9	10.9	142	41.3	0.58 J	<0.28
	05/14/20	7.9	2.4	102	23.6	21.5	<0.28
	01/13/21	59.2	0.78J	47.9	3.0	0.36J	<1.0
	07/07/21	12.3	<0.48	17.9	<0.34	<0.64	<0.42
MW-Unk2	11/02/12	16,000Q	48,000Q	4,500Q	23,000Q	<2,500Q	<2,500Q
	05/06/13	3,200	23,000	3,400	22,000	910J	<1,000
	11/06/13	1,100J	18,000	3,600	19,000	1,600J	<2,500
	04/22/14	570J	14,000	3,000	16,000	890J	<1,000
	11/04/14	1,720	24,500	3,360	18,750	1,010	<250
	04/14/15	40.7	299	66.7	257	<5.0	<5.0
	10/26/15	103	118	924	2,335	244	<10.0
	04/15/16	4.1	2.9	6.4	20	0.39J	<1.0
	11/15/16	<5.0	<5.0	7.5	25	5.6	<5.0
	04/18/17	373	446	1,630	3,060	160	<50.0
	11/07/17	DRY	DRY	DRY	DRY	DRY	DRY
	05/10/18	740	79.2	2,440	985	431	<20.0
	05/23/19	61.5	60.7	1,350	1,200	781	<8.0
	11/20/19	415	59.3	1,360	158	656	<2.8
	05/14/20	11.2	26.9	375	315	420	<1.1
	01/13/21	445	40.3	1,060	40.3	619	<10.0
	07/07/21	364	58.3	1740	2250	1090	8.1 J
PW-1	11/02/12	<5.0Q	<5.0Q	<5.0Q	3.1JQ	2.3JQ	3.9JQ
	05/06/13	0.21BJ	<5.0	<5.0	<5.0	<5.0	3.4J
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	1.9J
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	1.0J
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	0.55J	1.8	<1.0	1.9	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
DW-1	11/02/12	<5.0Q	<5.0Q	<5.0Q	<5.0Q	<5.0Q	<5.0Q
	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	0.79J
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	0.71J
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	0.24J
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	0.79J
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42

TABLE 3
GROUNDWATER COC CONCENTRATION DATA (QUARTERLY MONITORING REPORT #14)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT NUMBER 13-4609
SCDHEC ID NUMBER 10503

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)
DW-2	11/02/12	<5.0Q	<5.0Q	<5.0Q	<5.0Q	<5.0Q	0.45JQ
	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	0.45J
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
DW-3	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	0.44J	0.52J	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
DW-4	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	2.2J
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	23	<5.0	<5.0	4.2J	<5.0	1.9J
	11/04/14	12.1	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	0.90J	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
RW-1	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1
	05/10/18	0.62J	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	NS	NS	NS	NS	NS	NS
RW-2	11/20/19	NS	NS	NS	NS	NS	NS
	05/14/20	NS	NS	NS	NS	NS	NS
	01/13/21	NS	NS	NS	NS	NS	NS
	07/07/21	NS	NS	NS	NS	NS	NS
	05/10/18	1.7	0.79J	0.89J	2.1	<1.0	<1.0
	05/23/19	NS	NS	NS	NS	NS	NS
RW-3	11/20/19	NS	NS	NS	NS	NS	NS
	05/14/20	NS	NS	NS	NS	NS	NS
	01/13/21	NS	NS	NS	NS	NS	NS
	07/07/21	NS	NS	NS	NS	NS	NS
	05/10/18	1.040	16.9	66.2	56.3	4.7J	<10.0
	05/23/19	NS	NS	NS	NS	NS	NS
RW-4	11/20/19	NS	NS	NS	NS	NS	NS
	05/14/20	NS	NS	NS	NS	NS	NS
	01/13/21	NS	NS	NS	NS	NS	NS
	07/07/21	NS	NS	NS	NS	NS	NS
	05/10/18	58.1	17.1	7.0	8.9	<1.0	<1.0
	05/23/19	NS	NS	NS	NS	NS	NS
RW-5	11/20/19	NS	NS	NS	NS	NS	NS
	05/14/20	NS	NS	NS	NS	NS	NS
	01/13/21	NS	NS	NS	NS	NS	NS
	07/07/21	NS	NS	NS	NS	NS	NS
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	NS	NS	NS	NS	NS	NS
RW-6	11/20/19	NS	NS	NS	NS	NS	NS
	05/14/20	NS	NS	NS	NS	NS	NS
	01/13/21	NS	NS	NS	NS	NS	NS
	07/07/21	NS	NS	NS	NS	NS	NS
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	NS	NS	NS	NS	NS	NS

TABLE 3
GROUNDWATER COC CONCENTRATION DATA (QUARTERLY MONITORING REPORT #14)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT NUMBER 13-4609
SCDHEC ID NUMBER 10503

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)
Prince WSW	11/02/12	<1.0Q	<1.0Q	<1.0Q	<1.0Q	<1.0Q	<1.0Q
	05/06/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/06/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/22/14	NS	NS	NS	NS	NS	NS
	11/04/14	NS	NS	NS	NS	NS	NS
	04/14/15	NS	NS	NS	NS	NS	NS
	10/26/15	NS	NS	NS	NS	NS	NS
	04/15/16	NS	NS	NS	NS	NS	NS
	08/01/16	NS	NS	NS	NS	NS	NS
	11/15/16	2.3	<1.0	0.43J	<1.0	<1.0	<1.0
	02/14/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	04/18/17	NS	NS	NS	NS	NS	NS
	11/07/17	1.8	0.57J	<1.0	<1.0	<1.0	<1.0
	05/10/18	0.95J	0.39J	<1.0	<1.0	0.59J	<1.0
	08/27/18	11.3	0.75J	0.95J	5.7	0.71J	0.34J
	03/05/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	ABD.	ABD.	ABD.	ABD.	ABD.	ABD.
	02/10/20	ABD.	ABD.	ABD.	ABD.	ABD.	ABD.
	05/14/20	ABD.	ABD.	ABD.	ABD.	ABD.	ABD.
	08/28/20	ABD.	ABD.	ABD.	ABD.	ABD.	ABD.
Hunter WSW#2	11/02/12	<1.0Q	<1.0Q	<1.0Q	<1.0Q	<1.0Q	<1.0Q
	05/06/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/06/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/22/14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/04/14	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08/01/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02/14/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	04/18/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08/27/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/05/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	02/10/20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	08/28/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
Faust WSW#1	01/13/21	<1.0	<1.0	<1.0	<1.0	0.44J	<1.0
	04/29/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
	11/02/12	<1.0Q	<1.0Q	<1.0Q	<1.0Q	<1.0Q	<1.0Q
	05/06/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/06/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/22/14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/04/14	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	04/15/16	0.72J	0.56J	<1.0	<1.0	<1.0	<1.0
	08/01/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02/14/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	04/18/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08/27/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/05/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Faust WSW#2	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	02/10/20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	08/28/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/29/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08/01/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02/14/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	04/18/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	NS	NS	NS	NS	NS	NS
	08/27/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/05/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	02/10/20	NS	NS	NS	NS	NS	NS
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	08/28/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/29/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42

TABLE 3
GROUNDWATER COC CONCENTRATION DATA (QUARTERLY MONITORING REPORT #14)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT NUMBER 13-4609
SCDHEC ID NUMBER 10503

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)
Fulmer WSW	05/30/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/06/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/22/14	NS	NS	NS	NS	NS	NS
	11/04/14	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08/01/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02/14/17	<0.50	0.11J	<0.50	<0.50	<0.50	<0.50
	04/18/17	NS	NS	NS	NS	NS	NS
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08/27/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/05/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	02/10/20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	08/28/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/29/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<0.34	0.50 J	<0.30	<0.34	<0.64	<0.42
MW-15 Dup.	11/02/12	120Q	7.8Q	36Q	73Q	<5.0Q	<5.0Q
MW-16 Dup.	11/02/12	0.38J	<5.0	7.3	79	26	<5.0
MW-24 Dup.	11/13/12	63	<5.0	<5.0	<5.0	5.5	22
MW-14 Dup.	05/06/13	120J	2,400	1,100	6,600	410J	<500
MW-15 Dup.	05/06/13	19	12	26	56	7.4	<5.0
MW-28i Dup.	05/06/13	4,000	5,200	650	2,900	<500	79J
MW-19 Dup.	11/06/13	5,600	17,000	1,400J	7,200	<2,500	<2,500
MW-19 Dup.	04/22/14	6,300	15,000	1,600	8,000	190J	<500
MW-Unk1 Dup.	04/22/14	27	370	560	1,900	140	<25
MW-Unk2 Dup.	04/22/14	510	12,000	2,900	16,000	880	<500
MW-1 Dup.	11/04/14	214J	1,610	1,400	9,830	528	<250
MW-7 Dup.	11/04/14	2,130	7,850	1,440	6,990	297	<250
MW-Unk1 Dup.	11/04/14	139	2,970	1,780	7,860	442	<125
MW-16 Dup.	04/14/15	<1.0	0.35J	<1.0	<2.0	<1.0	<1.0
MW-23 Dup.	04/14/15	844	128	220	349	22.2	4.4J
MW-24 Dup.	04/14/15	90.4	181	36.7	165	10.2	4.6
MW-1 Dup.	10/26/15	629	3,090	640	6,360	344	<125
MW-12 Dup.	10/26/15	1,110	1,710	163	829	58.2	<50.0
MW-Unk1 Dup.	10/26/15	2.1J	5.6	97.1	168.6	48.4	<5.0
DUP-1	04/15/16	6,600	13,000	1,800	6,900	240	<100
DUP-2	04/15/16	3.7	3.2	8.1	23	0.24J	<1.0
DUP-3	04/15/16	430	1,400	910	6,600	240	<50
DUP-1	08/01/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-1	11/15/16	18	7.6	140	91	48	<5.0
DUP-2	11/15/16	790	2,500	350	1,400	71	<20
DUP-1(Faust WSW#2)	02/14/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DUP-1	04/18/17	84.2	927	453	1,500	90.6	<25.0
DUP-2	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
DUP-3	04/18/17	45.4	107	772	709	83.8	<25.0
DUP-1(MW-30i)	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-2 (PW-1)	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-3(MW-3)	11/07/17	4.2	0.35J	0.81J	<1.0	<1.0	<1.0
DUP-1(MW-18)	05/10/18	0.47J	17.3	9.4	89.2	<1.0	<1.0
DUP-2 (MW-4)	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-3(RW-3)	05/10/18	985	20.6	57.9	54.8	<10.0	<10.0
DUP-3(Faust WSW#2)	08/27/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-1(Faust WSW#2)	03/05/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-1 (MW-25i)	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-2 (MW-2)	05/23/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-3 (MW-UNK1)	05/23/19	1.5	1.7	131	42.2	88.2	<1.0
DUP-1 (MW-19)	11/20/19	619	<1.2	524	<3.2	128	<1.4
DUP-2 (MW-21)	11/20/19	10.1	81.2	108	162	3.1	<0.28
DUP-3 (MW-7)	11/20/19	65.0	114	154	475	55.6	<0.55
DUP-1 (MW-16)	12/10/19	164	1,940	1,810	7,040	652	<5.5
DUP(Hunter WSW#2)	02/10/20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-1 (MW-13)	05/14/20	3.1	<0.24	1.7	<0.63	<0.35	<0.28
DUP-2 (MW-12)	05/14/20	4.8	0.48 J	2.5	5.2	0.73 J	<0.28
DUP-3 (MW-3)	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
DUP-1(MW-19)	08/28/20	753	133	456	511	92.8	<1.4
DUP-1(MW-27iR)	01/13/21	17.6	<1.0	3.8	0.94J	1.4	0.36J
DUP-2(MW-7)	01/13/21	17.8	149	157	522	55.4	<1.0
DUP-3(MW-19)	01/13/21	88.7	16.5	170	369	54.1	<2.0
DUP-1 (Fulmer WSW)	04/29/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-1 (MW-7)	07/07/21	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1
DUP-2 (MW-13)	07/07/21	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1
DUP-3 (MW-3)	07/07/21	10.2	<2.0	<1.8	<5.0	10.2	<3.1

TABLE 3
GROUNDWATER COC CONCENTRATION DATA (QUARTERLY MONITORING REPORT #14)
JALARAM/FORMER JR DELI
BLYTHEWOOD, SOUTH CAROLINA
MECI PROJECT NUMBER 13-4609
SCDHEC ID NUMBER 10503

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)
Field Blank	11/02/12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/13/12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08/01/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02/14/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	0.27J	<1.0	<1.0	<1.0	<1.0
	08/27/18	<1.0	0.30J	<1.0	<1.0	<1.0	<1.0
	03/05/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	0.28J	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	12/10/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
Trip Blank	02/10/20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/14/20	<0.15	0.29 J	<0.26	<0.63	<0.35	<0.28
	08/28/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/29/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1
	11/02/12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/13/12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	05/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/06/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	04/22/14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	11/04/14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	04/14/15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	10/26/15	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08/01/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/15/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02/14/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	04/18/17	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
	11/07/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/10/18	<1.0	0.27J	<1.0	<1.0	<1.0	<1.0
	08/27/18	<1.0	0.33J	<1.0	<1.0	<1.0	<1.0
	03/05/19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	0.26J	<1.0	<1.0	<1.0	<1.0
	05/23/19	<1.0	0.27J	<1.0	<1.0	<1.0	<1.0
	11/20/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	12/10/19	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	02/10/20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/14/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	08/28/20	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28
	01/13/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04/29/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/07/21	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1

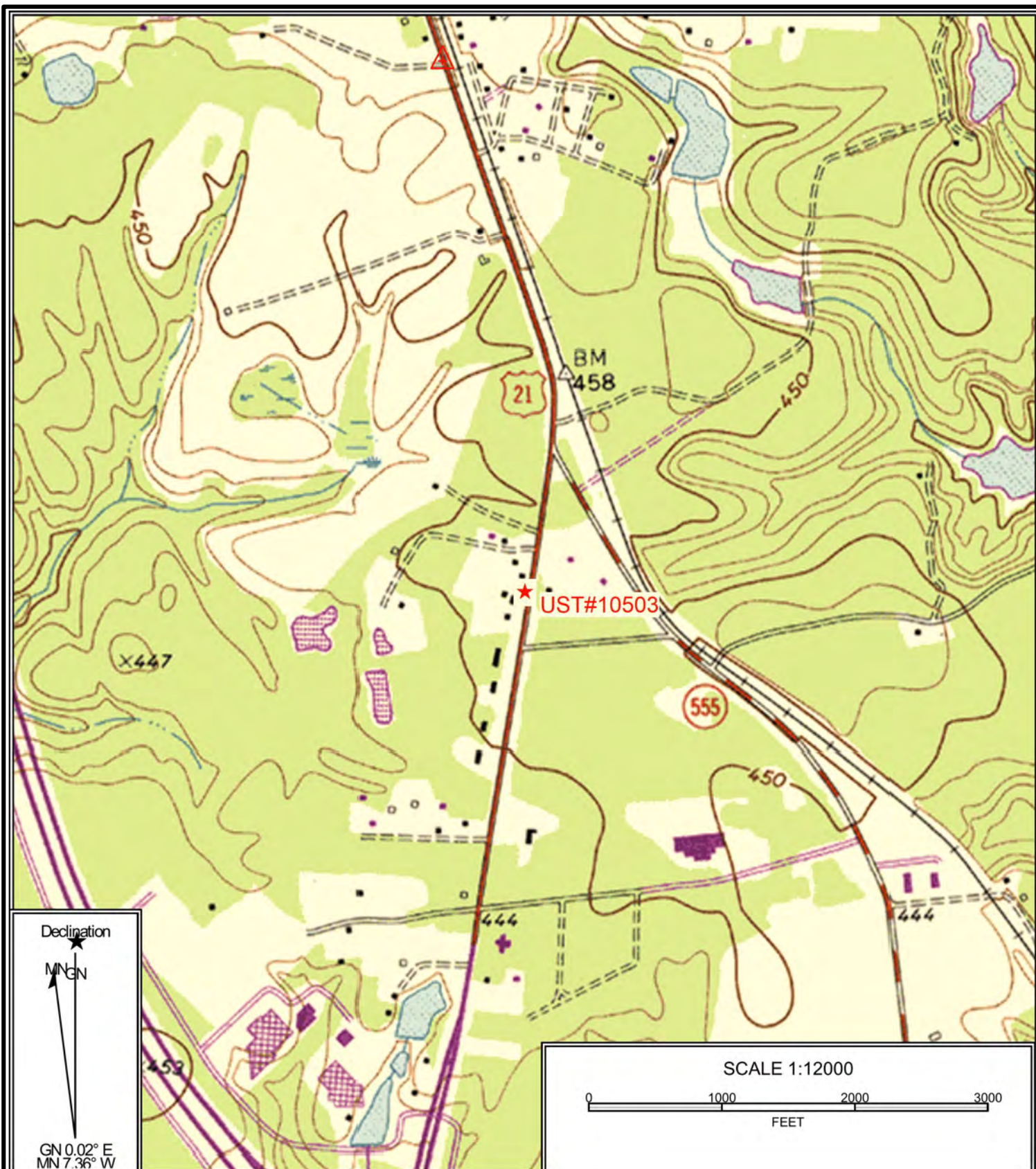
Notes:

1. µg/l = micrograms per liter
2. MTBE = Methyl-Tertiary-Butyl Ether
3. NT = Not Tested
4. PROD = Free Phase Petroleum Product

5. "J" values = Concentrations above the method detection limits (MDL) and below actual reporting limit (RL).
6. DRY = Monitoring well gauged dry
7. NS = Not Sampled

8. DESTROYED = Well has been destroyed by construction.

FIGURES



Reference: Blythewood, South Carolina
USGS 7.5 Min. Quad
Contour Interval - 10 Feet

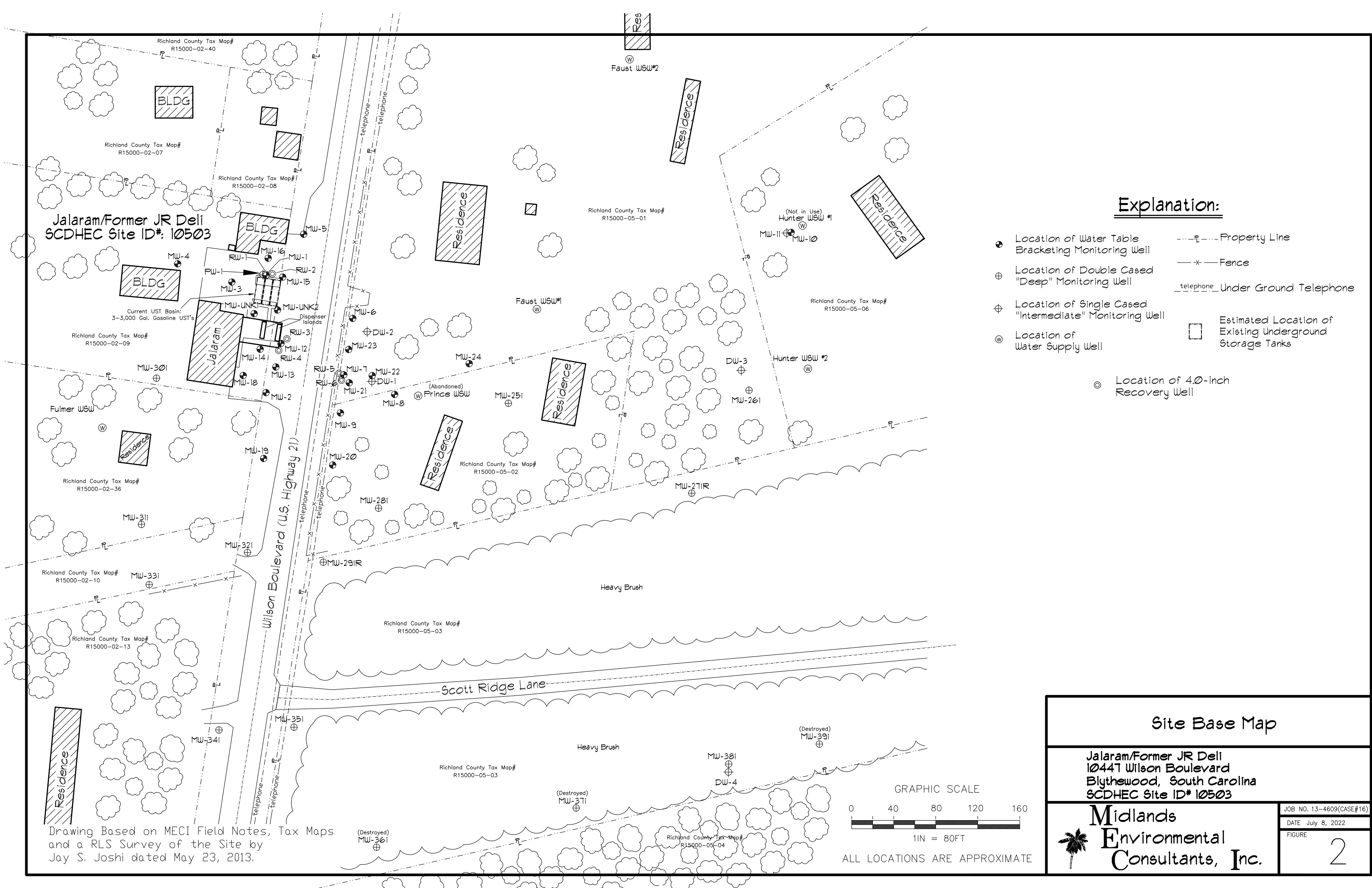
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Site Location

Jalaram/Former JR Deli
10441 Wilson Boulevard, Blythewood, SC
SCDHEC Site ID# 10503

Figure 1

MECI 13-4609



Explanation:

- Location of Water Table Bracketing Monitoring Well
- ⊕ Location of Double Cased "Deep" Monitoring Well
- ⊕ Location of Single Cased "Intermediate" Monitoring Well
- ⊙ Location of 4.0-Inch Recovery Well
- P--- Property Line
- X--- Fence
- telephone--- Under Ground Telephone
- Estimated Location of Existing Underground Storage Tanks

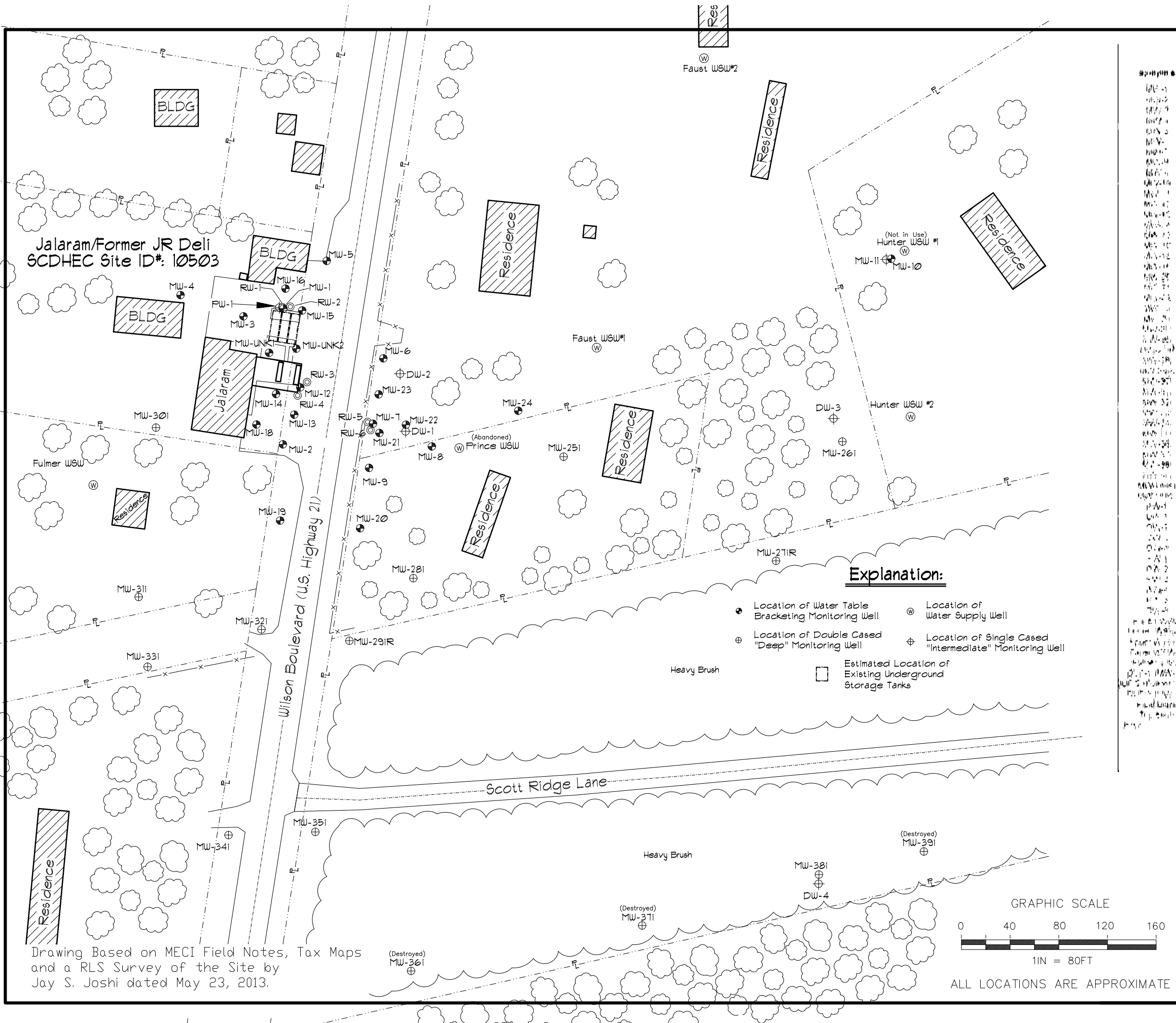
Site Base Map

Jalaram/Former JR Deli
10447 Wilson Boulevard
Blythewood, South Carolina
SCDHEC Site ID# 10503

Midlands
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Consultants, Inc.

JOB NO. 13-4609(CASE#16)
DATE July 8, 2022
FIGURE

Drawing Based on MECI Field Notes, Tax Maps
and a RLS Survey of the Site by
Jay S. Joshi dated May 23, 2013.



Groundwater CoC Concentration Data					
WELL	DATE	CONCENTRATION	CONCENTRATION	CONCENTRATION	CONCENTRATION
MW-1	10/10/13	0.00	0.00	0.00	0.00
MW-2	10/10/13	0.00	0.00	0.00	0.00
MW-3	10/10/13	0.00	0.00	0.00	0.00
MW-4	10/10/13	0.00	0.00	0.00	0.00
MW-5	10/10/13	0.00	0.00	0.00	0.00
MW-6	10/10/13	0.00	0.00	0.00	0.00
MW-7	10/10/13	0.00	0.00	0.00	0.00
MW-8	10/10/13	0.00	0.00	0.00	0.00
MW-9	10/10/13	0.00	0.00	0.00	0.00
MW-10	10/10/13	0.00	0.00	0.00	0.00
MW-11	10/10/13	0.00	0.00	0.00	0.00
MW-12	10/10/13	0.00	0.00	0.00	0.00
MW-13	10/10/13	0.00	0.00	0.00	0.00
MW-14	10/10/13	0.00	0.00	0.00	0.00
MW-15	10/10/13	0.00	0.00	0.00	0.00
MW-16	10/10/13	0.00	0.00	0.00	0.00
MW-17	10/10/13	0.00	0.00	0.00	0.00
MW-18	10/10/13	0.00	0.00	0.00	0.00
MW-19	10/10/13	0.00	0.00	0.00	0.00
MW-20	10/10/13	0.00	0.00	0.00	0.00
MW-21	10/10/13	0.00	0.00	0.00	0.00
MW-22	10/10/13	0.00	0.00	0.00	0.00
MW-23	10/10/13	0.00	0.00	0.00	0.00
MW-24	10/10/13	0.00	0.00	0.00	0.00
MW-25	10/10/13	0.00	0.00	0.00	0.00
MW-26	10/10/13	0.00	0.00	0.00	0.00
MW-27	10/10/13	0.00	0.00	0.00	0.00
MW-28	10/10/13	0.00	0.00	0.00	0.00
MW-29	10/10/13	0.00	0.00	0.00	0.00
MW-30	10/10/13	0.00	0.00	0.00	0.00
MW-31	10/10/13	0.00	0.00	0.00	0.00
MW-32	10/10/13	0.00	0.00	0.00	0.00
MW-33	10/10/13	0.00	0.00	0.00	0.00
MW-34	10/10/13	0.00	0.00	0.00	0.00
MW-35	10/10/13	0.00	0.00	0.00	0.00
MW-36	10/10/13	0.00	0.00	0.00	0.00
MW-37	10/10/13	0.00	0.00	0.00	0.00
MW-38	10/10/13	0.00	0.00	0.00	0.00
MW-39	10/10/13	0.00	0.00	0.00	0.00
MW-40	10/10/13	0.00	0.00	0.00	0.00
MW-41	10/10/13	0.00	0.00	0.00	0.00
MW-42	10/10/13	0.00	0.00	0.00	0.00
MW-43	10/10/13	0.00	0.00	0.00	0.00
MW-44	10/10/13	0.00	0.00	0.00	0.00
MW-45	10/10/13	0.00	0.00	0.00	0.00
MW-46	10/10/13	0.00	0.00	0.00	0.00
MW-47	10/10/13	0.00	0.00	0.00	0.00
MW-48	10/10/13	0.00	0.00	0.00	0.00
MW-49	10/10/13	0.00	0.00	0.00	0.00
MW-50	10/10/13	0.00	0.00	0.00	0.00
MW-51	10/10/13	0.00	0.00	0.00	0.00
MW-52	10/10/13	0.00	0.00	0.00	0.00
MW-53	10/10/13	0.00	0.00	0.00	0.00
MW-54	10/10/13	0.00	0.00	0.00	0.00
MW-55	10/10/13	0.00	0.00	0.00	0.00
MW-56	10/10/13	0.00	0.00	0.00	0.00
MW-57	10/10/13	0.00	0.00	0.00	0.00
MW-58	10/10/13	0.00	0.00	0.00	0.00
MW-59	10/10/13	0.00	0.00	0.00	0.00
MW-60	10/10/13	0.00	0.00	0.00	0.00
MW-61	10/10/13	0.00	0.00	0.00	0.00
MW-62	10/10/13	0.00	0.00	0.00	0.00
MW-63	10/10/13	0.00	0.00	0.00	0.00
MW-64	10/10/13	0.00	0.00	0.00	0.00
MW-65	10/10/13	0.00	0.00	0.00	0.00
MW-66	10/10/13	0.00	0.00	0.00	0.00
MW-67	10/10/13	0.00	0.00	0.00	0.00
MW-68	10/10/13	0.00	0.00	0.00	0.00
MW-69	10/10/13	0.00	0.00	0.00	0.00
MW-70	10/10/13	0.00	0.00	0.00	0.00
MW-71	10/10/13	0.00	0.00	0.00	0.00
MW-72	10/10/13	0.00	0.00	0.00	0.00
MW-73	10/10/13	0.00	0.00	0.00	0.00
MW-74	10/10/13	0.00	0.00	0.00	0.00
MW-75	10/10/13	0.00	0.00	0.00	0.00
MW-76	10/10/13	0.00	0.00	0.00	0.00
MW-77	10/10/13	0.00	0.00	0.00	0.00
MW-78	10/10/13	0.00	0.00	0.00	0.00
MW-79	10/10/13	0.00	0.00	0.00	0.00
MW-80	10/10/13	0.00	0.00	0.00	0.00
MW-81	10/10/13	0.00	0.00	0.00	0.00
MW-82	10/10/13	0.00	0.00	0.00	0.00
MW-83	10/10/13	0.00	0.00	0.00	0.00
MW-84	10/10/13	0.00	0.00	0.00	0.00
MW-85	10/10/13	0.00	0.00	0.00	0.00
MW-86	10/10/13	0.00	0.00	0.00	0.00
MW-87	10/10/13	0.00	0.00	0.00	0.00
MW-88	10/10/13	0.00	0.00	0.00	0.00
MW-89	10/10/13	0.00	0.00	0.00	0.00
MW-90	10/10/13	0.00	0.00	0.00	0.00
MW-91	10/10/13	0.00	0.00	0.00	0.00
MW-92	10/10/13	0.00	0.00	0.00	0.00
MW-93	10/10/13	0.00	0.00	0.00	0.00
MW-94	10/10/13	0.00	0.00	0.00	0.00
MW-95	10/10/13	0.00	0.00	0.00	0.00
MW-96	10/10/13	0.00	0.00	0.00	0.00
MW-97	10/10/13	0.00	0.00	0.00	0.00
MW-98	10/10/13	0.00	0.00	0.00	0.00
MW-99	10/10/13	0.00	0.00	0.00	0.00
MW-100	10/10/13	0.00	0.00	0.00	0.00

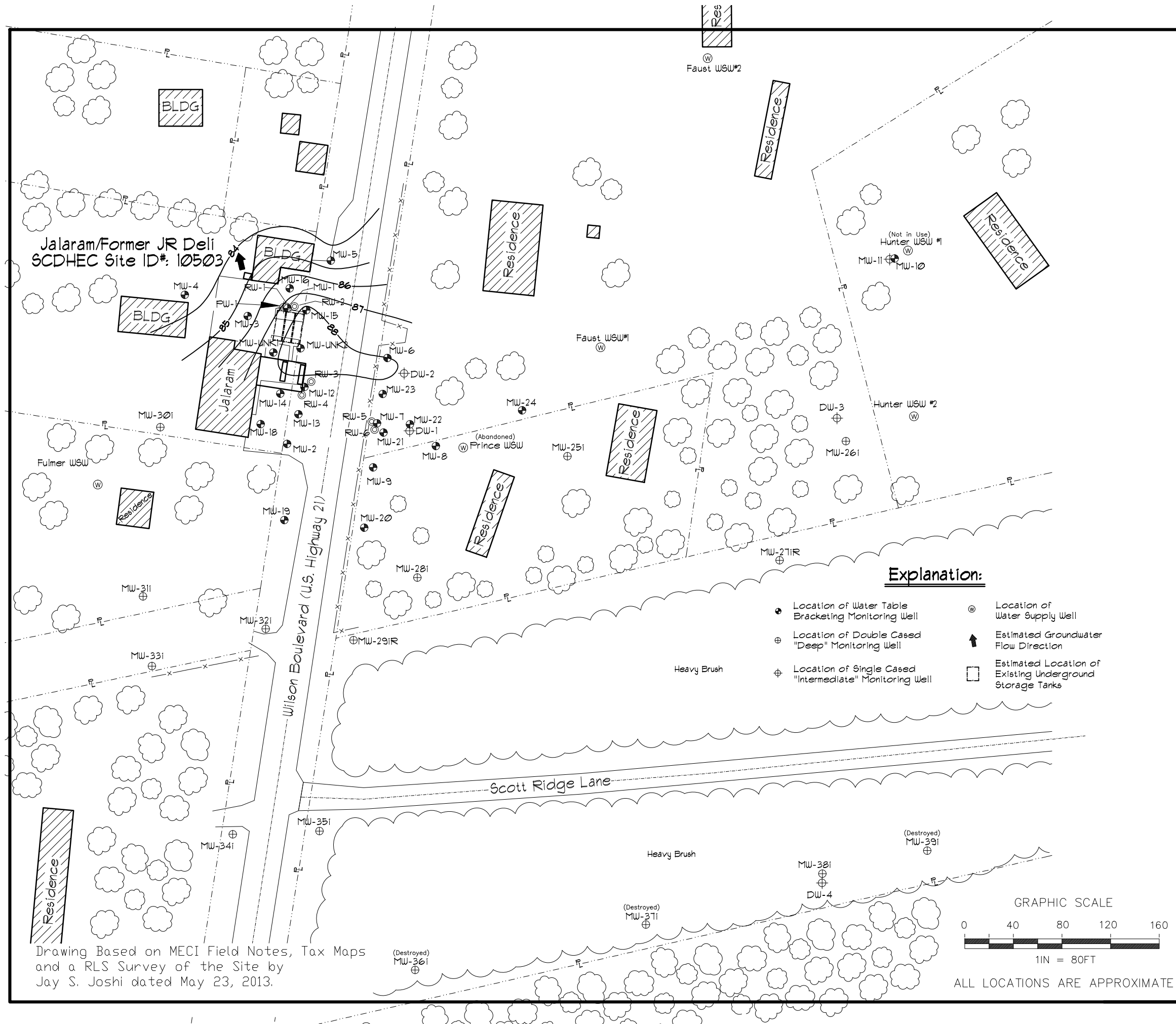
Groundwater CoC Site Map

Jalaram/Former JR Deli
10447 Wilson Boulevard
Blythewood, South Carolina
SCDHEC Site ID# 10503

Midlands Environmental Consultants, Inc.

JOB NO. 13-4609(CASE#16)
DATE July 8, 2022
FIGURE 4

Drawing Based on MECI Field Notes, Tax Maps and a RLS Survey of the Site by Jay S. Joshi dated May 23, 2013.



POTENTIOMETRIC DATA				
Well Number	Screened Interval (ft)	Depth to Water (ft)	Well-head Elevation	Groundwater Elevation
MW-1	5-15	8.12	99.89	91.77
MW-2	5-15	11.72	99.38	87.66
MW-3	5-15	14.74	99.94	85.20
MW-4	9-19	16.04	99.36	83.32
MW-5	10-20	15.71	99.75	84.04
MW-6	10-20	11.29	99.34	88.05
MW-7	10-20	12.39	99.27	86.88
MW-8	9-19	12.26	99.41	87.15
MW-9	10-20	12.18	99.28	87.10
MW-10	22-37	19.89	100.56	80.67
MW-11	50-60	19.04	100.36	81.32
MW-12	5-15	11.81	99.63	87.82
MW-13	5-15	11.65	99.34	87.69
MW-14	5-15	11.37	99.28	87.91
MW-15	5-15	11.36	99.71	88.35
MW-16	5-15	12.50	99.55	87.05
MW-18	5-15	8.29	99.72	91.43
MW-19	15-25	15.31	99.28	83.97
MW-20	15-25	15.86	98.79	82.93
MW-21	5-15	12.21	99.13	86.92
MW-22	5-15	11.41	99.09	87.68
MW-23	5-15	11.31	99.15	87.84
MW-24	15-25	15.93	99.40	83.47
MW-25i	25-30	16.43	99.79	83.36
MW-26i	25-30	17.32	100.62	83.30
MW-27iR	25-30	17.58	99.86	82.28
MW-28i	25-30	15.82	99.10	83.28
MW-29iR	25-30	15.31	98.95	83.64
MW-30i	25-30	15.11	99.47	84.36
MW-31i	25-30	14.89	98.66	83.77
MW-32i	25-30	15.41	99.11	83.70
MW-33i	25-30	15.12	98.94	83.82
MW-34i	25-30	15.06	98.19	83.13
MW-35i	25-30	Destroyed	98.53	Destroyed
MW-36i	25-30	Destroyed	98.94	Destroyed
MW-37i	25-30	Destroyed	99.07	Destroyed
MW-38i	25-30	16.91	99.30	82.39
MW-39i	25-30	Destroyed	99.47	Destroyed
MW-UNK1	TD: 11.45	11.96	99.91	87.95
MW-UNK2	TD: 12.80	11.83	99.99	88.16
PW-1	TD:26.00	16.31	100.09	83.78
DW-1	35-40	15.61	99.23	83.62
DW-2	35-40	15.42	99.28	83.86
DW-3	45-50	19.76	100.71	80.95
DW-4	45-50	17.34	99.37	82.03
RW-1	2-14	NM	99.82	NM
RW-2	2-14	NM	99.52	NM
RW-3	2-17	NM	99.54	NM
RW-4	2-17	NM	99.31	NM
RW-5	2-15	NM	98.72	NM
RW-6	2-15	NM	98.99	NM

Notes: Depth to groundwater measured on 6/16/2022.
Site Datum based on assumed spot elevation

Contour Interval = 1 foot

Contours Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

Potentiometric Data Site Map

Jalaram/Former JR Deli
10447 Wilson Boulevard
Blythewood, South Carolina
SCDHEC Site ID# 10503

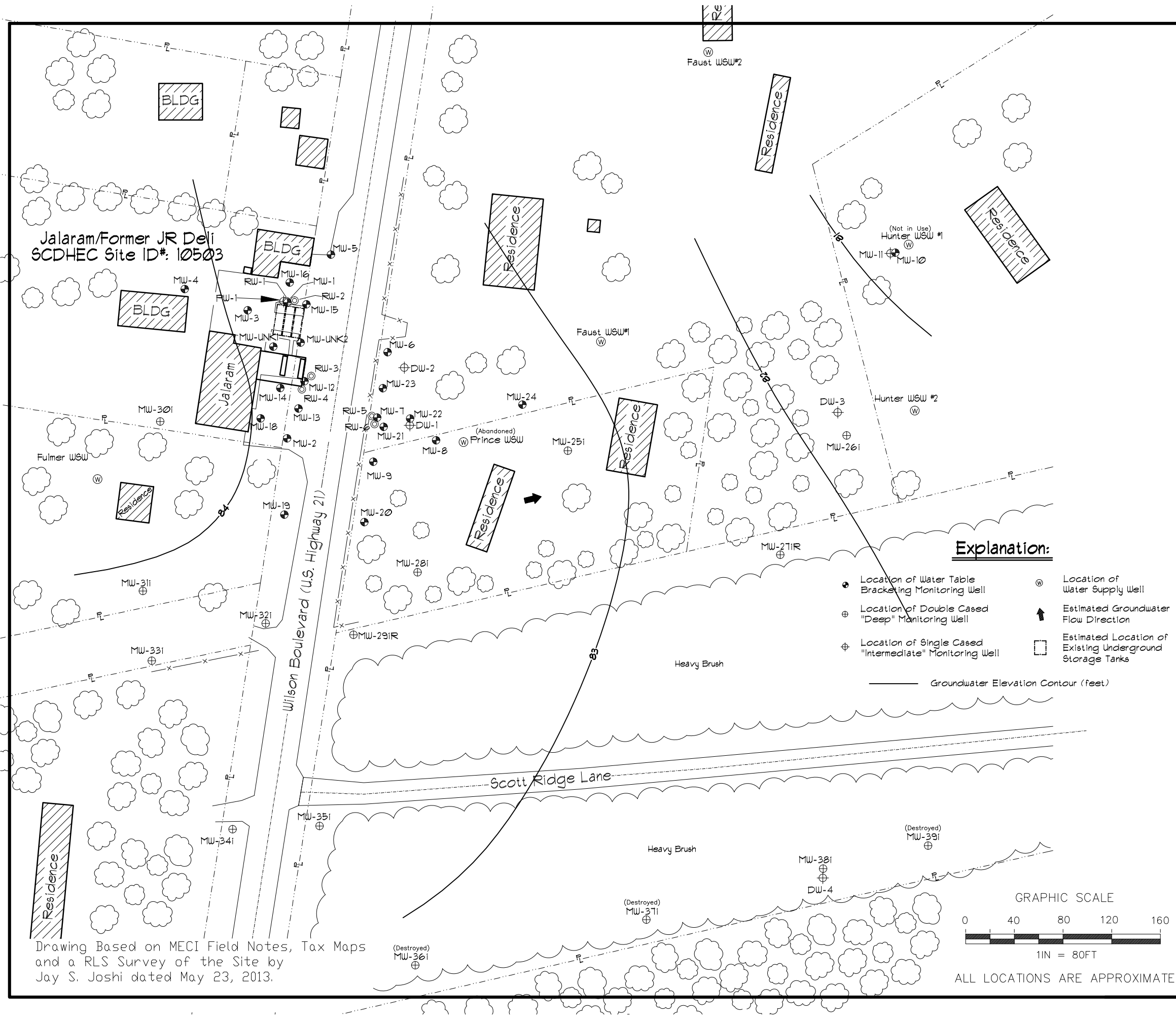
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Consultants, Inc.

JOB NO. 13-4609(CASE#16)

DATE July 8, 2022

FIGURE

5



POTENTIOMETRIC DATA				
Well Number	Screened Interval (ft)	Depth to Water (ft)	Well-head Elevation	Groundwater Elevation
MW-1	5-15	8.12	99.89	91.77
MW-2	5-15	11.72	99.38	87.66
MW-3	5-15	14.74	99.94	85.20
MW-4	9-19	16.04	99.36	83.32
MW-5	10-20	15.71	99.75	84.04
MW-6	10-20	11.29	99.34	88.05
MW-7	10-20	12.39	99.27	86.88
MW-8	9-19	12.26	99.41	87.15
MW-9	10-20	12.18	99.28	87.10
MW-10	22-37	19.89	100.56	80.67
MW-11	50-60	19.04	100.36	81.32
MW-12	5-15	11.81	99.63	87.82
MW-13	5-15	11.65	99.34	87.69
MW-14	5-15	11.37	99.28	87.91
MW-15	5-15	11.36	99.71	88.35
MW-16	5-15	12.50	99.55	87.05
MW-18	5-15	8.29	99.72	91.43
MW-19	15-25	15.31	99.28	83.97
MW-20	15-25	15.86	98.79	82.93
MW-21	5-15	12.21	99.13	86.92
MW-22	5-15	11.41	99.09	87.68
MW-23	5-15	11.31	99.15	87.84
MW-24	15-25	15.93	99.40	83.47
MW-25i	25-30	16.43	99.79	83.36
MW-26i	25-30	17.32	100.62	83.30
MW-27iR	25-30	17.58	99.86	82.28
MW-28i	25-30	15.82	99.10	83.28
MW-29iR	25-30	15.31	98.95	83.64
MW-30i	25-30	15.11	99.47	84.36
MW-31i	25-30	14.89	98.66	83.77
MW-32i	25-30	15.41	99.11	83.70
MW-33i	25-30	15.12	98.94	83.82
MW-34i	25-30	15.06	98.19	83.13
MW-35i	25-30	Destroyed	98.53	Destroyed
MW-36i	25-30	Destroyed	98.94	Destroyed
MW-37i	25-30	Destroyed	99.07	Destroyed
MW-38i	25-30	16.91	99.30	82.39
MW-39i	25-30	Destroyed	99.47	Destroyed
MW-UNK1	TD: 11.45	11.96	99.91	87.95
MW-UNK2	TD: 12.80	11.83	99.99	88.16
PW-1	TD:26.00	16.31	100.09	83.78
DW-1	35-40	15.61	99.23	83.62
DW-2	35-40	15.42	99.28	83.86
DW-3	45-50	19.76	100.71	80.95
DW-4	45-50	17.34	99.37	82.03
RW-1	2-14	NM	99.82	NM
RW-2	2-14	NM	99.52	NM
RW-3	2-17	NM	99.54	NM
RW-4	2-17	NM	99.31	NM
RW-5	2-15	NM	98.72	NM
RW-6	2-15	NM	98.99	NM

Notes: Depth to groundwater measured on 6/16/2022.
Site Datum based on assumed spot elevation

Contour Interval = 1 foot

Contours Computer Generated using Surfer by Golden
Graphics and Modified by MECI Personnel.

Potentiometric Data Site Map
(Groundwater Contour-"Intermediate" Zone)

Jalaram/Former JR Deli
10447 Wilson Boulevard
Blythewood, South Carolina
SCDHEC Site ID# 10503

Midlands
Environmental
Consultants, Inc.

JOB NO. 13-4609(CASE#16)
DATE July 8, 2022
FIGURE 5A



ALTERNATIVE CONSTRUCTION & ENVIRONMENTAL SOLUTIONS, INC.

1450 Greene Street - Suite 510 • Augusta, GA 30901
Telephone: 706-262-2000 • Facsimile: 706-262-3299 • www.aces-usa.com

Phase I Environmental Site Assessment

22.80 Acres
I-77 & Wilson Blvd
Blythewood, SC

Prepared For:

Bert Storey Associates



ALTERNATIVE CONSTRUCTION & ENVIRONMENTAL SOLUTIONS, INC.

1450 Greene Street - Suite 510 • Augusta, GA 30901
Telephone: 706-262-2000 • Facsimile: 706-262-3299 • www.aces-usa.com

March 8, 2005

Mr. Bert Storey.
Bert Storey Associates
3531 Walton Way Ext.
Augusta, GA 30909

Project: **Report of Phase I Site Assessment**
 22.80 Acres
 I-77 & Wilson Blvd
 Blythewood, South Carolina
 ACES Report 634-101-001

As authorized by your company, Alternative Construction and Environmental Solutions, Inc. (ACES) is pleased to submit this report of our Phase I Environmental Site Assessment. The purpose of our services was to review the site for evidence of potential environmental concerns caused by past or present on-site or nearby off-site activities.

This report is intended for the exclusive use of Bert Storey Associates under the terms and conditions of our agreement. No other parties shall rely upon the contents of this report without the express written consent of ACES. The findings are relevant to the dates of our site work and should not be relied upon to represent site conditions on other dates.

We appreciate the opportunity to provide our environmental services on this project. We are available to discuss the contents of this report with you at your convenience. If you have any questions or need additional information, please do not hesitate to contact us.

ALTERNATIVE CONSTRUCTIONS & ENVIRONMENTAL SOLUTIONS, INC.



Mark E. Hartz
Vice President

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1.0 SUMMARY

Alternative Construction & Environmental Solutions, Inc. (ACES) was retained by Bert Storey Associates to conduct this Phase I Environmental Assessment of undeveloped land on Wilson Boulevard in, Richland County, Blythewood, South Carolina (the "Property"). Based on our review of the historical and current uses of the Property and adjoining sites, observations, opinions and recommendations are noted throughout this report and summarized in Section 9.0 and 10.0.

2.0 INTRODUCTION

2.1 PURPOSE AND METHODOLOGY

This Phase I Environmental Assessment was conducted to identify known and potential environmental concerns caused by past or present on-site activities at the Property within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). Such environmental concerns include the presence or likely presence of hazardous substances or petroleum products on the property; the material threat of a release of hazardous substances or petroleum products on the property; or the release of hazardous substances or petroleum products into the groundwater or surface waters on the property. The scope of work for this assessment consisted of the following tasks:

- A review of readily available environmental databases, including listings of known or suspected contaminated sites, known landfill locations, known leaking underground storage tank (LUST) locations, and operations regulated under federal or state hazardous waste regulations.
- An on-site inspection by an ACES environmental professional.
- A review of environmental records maintained by Bert Storey Associates related to this Property.
- A review of historical aerial photographs.
- Contact with local governmental agencies as indicated in this report.
- Preparation of a written environmental assessment report.

Issues that were evaluated with respect to this Property include, but were not limited to, the following:

- Storage, use, and disposal of chemicals, hazardous materials, or hazardous waste at the site.
- Previous on-site activities.
- Possible contamination resulting from off-site sources and nearby properties.
- Historical or current circumstances that suggest that the Property could be the source of contamination.
- Other significant environmental issues.

2.2 DETAILED SCOPE-OF-SERVICES

The scope of this Phase I Environmental Site Assessment includes research and reporting requirements that support the client's ability to qualify for the innocent landowner defense. As such, all available documentation required by ASTM 1527-00 will be utilized within this report. It is the intention of this report to comply with industry standards for appropriate inquiry in an effort to guide legal interpretation of CERCLA's innocent landowner defense.

2.3 SIGNIFICANT ASSUMPTIONS

It is assumed that the groundwater will follow surface topography although groundwater flow can be altered by streets, subsurface objects, and sanitary sewer systems. Topography for the Property is consistent with the surrounding sites.

2.4 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

This assessment was performed in accordance with the ASTM Standard with the following exceptions:

- Although asbestos and off-site liabilities are not part of an ASTM Standard assessment, the assessment did include a review of potential off-site liabilities, such as those resulting from past on-site waste disposal activities, based on records available at the time of this assessment, but no visits to off-site locations were conducted. The assessment also included identifying the potential presence of ACM's on the Property and a review of previous asbestos reports.

This assessment presents ACES professional interpretation and judgement of the existing site conditions based on information gathered. Professional

judgements expressed are based on the facts currently available within the limits of the mutually agreed to scope of work, budget, and schedule, which are not intended to be exhaustive in scope. ACES's work was performed in accordance with generally accepted practices and standards. It is ACES's specific intent that the conclusions and recommendations presented herein be used as guidance and not necessarily as a firm course of action unless explicitly stated as such. We make no warranties, expressed or implied, including without limitation, warranties as to marketability or fitness for a particular purpose. In addition, the information provided in this report is not to be construed as legal advice.

A fifty-year chain-of-title search was not provided by the client for review as part of this investigation.

2.5 SPECIAL TERMS AND CONDITIONS

This assessment was conducted in general accordance with the American Society for Testing and Materials (ASTM) Practice E 1527-00 (the "ASTM Standard"); therefore an evaluation of the following items are considered outside the scope as defined by the standard.

- Asbestos
- Radon
- Lead Based Paint
- Wetlands
- Endangered Species
- Health & Safety
- Industrial Hygiene
- Lead in Drinking Water
- Cultural & Historic Records
- Ecological Resources
- Regulatory Compliance
- High Voltage Powerlines
- Indoor Air Quality

2.6 RELIANCE

ACES is not engaged in environmental reporting for the purpose of advertising, sales promotion, or endorsement of any client's interest, including raising investment capital, recommending investment decisions, or other publicity purposes. Our client acknowledges that this report has been prepared for the exclusive use of the client and agrees that ACES reports and correspondence will not be used nor relied upon in and prospectus or offerings circular. Our client also agrees that none of the advertising, sales promotion or other publicity matter containing information obtained from this assessment and report will mention or imply the name of ACES without our written review and approval.

3.0 SITE DESCRIPTION

3.1 LOCATION AND LEGAL DESCRIPTION

The Property is located on Wilson Boulevard, Richland County, Columbia, South Carolina and consists of approximately 22.80 acres. The location of the site is shown on the site survey provided to ACES by Bert Storey Associates and included as Appendix B. A legal description was not provided for ACES to review as part of this report.

3.2 SITE AND VICINITY CHARACTERISTICS

The Property is located on approximately 22.80 acres and is bound by Wilson Boulevard to the west, and undeveloped land to the north, east and south. The Property is located in a commercial-zoned area. Current zoning for the Property is C-3, General Commercial with 850' of frontage on Wilson Boulevard. Other residential and commercial sites are located in proximity to the Property.

Within the vicinity of the Property is a mixture of commercial and residential development. Storm water from the property discharge by sheet flow into storm ditches located on Wilson Boulevard.

3.3 DESCRIPTION OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS ON THE SITE

The Property is accessed from main roads from the west (Wilson Boulevard). The site consists of undeveloped land with no structures. Representative views of site features photographed during the site inspection are provided in the Photographic Log in Appendix A.

South Carolina Electric and Gas (SCE&G) provides electricity to the surrounding sites. The City of Columbia provides water and sewer to the surrounding sites.

No transformers were identified to be located at the site.

3.4 CURRENT USES OF THE PROPERTY

The Property is currently undeveloped. No evidence of prior development was observed during the inspection. The Property is zoned C-3, General Commercial with 850' of frontage on Wilson Boulevard.

3.5 CURRENT USES OF ADJOINING PROPERTIES

The properties that are located adjacent or in proximity to the subject Property currently include:

- Commercial sites are located to the west, south and east.
- The land to the south adjoining the Property is currently being cleared.
- The land to the north and east is currently undeveloped.
- A chiropractor's office and an abandoned motel are located to the west across Wilson Boulevard.
- The recent aerial photograph shows that various commercial and residential locations are in the proximity to this Property.

4.0 CLIENT-PROVIDED INFORMATION

4.1 TITLE RECORDS

A fifty-year chain-of-title search was not provided by the client for review as part of this investigation.

4.2 ENVIRONMENTAL LIENS

ACES, in their interviews, did not note any environmental liens or activity and use limitations currently recorded against the Property.

4.3 SPECIALIZED KNOWLEDGE

ACES did not ascertain any specialized knowledge regarding any recognized environmental conditions in connection with the Property. The general site layout is shown in Appendix B.

4.4 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

ACES in their interview with the client, found that there is no valuation reduction for the Property associated with known or suspected environmental concerns.

4.5 OWNER, PROPERTY MANAGER AND OCCUPANT INFORMATION

ACES interviewed Mr. Bert Storey to obtain information about the Property and its operations. No information of environmental concern was gathered from this source.

4.6 REASON FOR PERFORMING THIS PHASE I ESA

The purpose of this Phase I environmental site assessment is for our client to qualify for the innocent landowner defense to CERCLA liability. This assessment is also prepared with their need to understand potential environmental conditions that could materially impact the operation of the business associated with the Property.

5.0 RECORDS REVIEW

5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

ACES retained Environmental FirstSearch Technology Corporation, (FIRSTSEARCH) of Maitland, Florida, to provide its Radius Map, environmental database review of the properties within the vicinity of the subject Property in accordance with the radii specified by the ASTM standard. The FIRSTSEARCH report, which is included as Appendix C, contains the results of the review of the following databases:

- *Federal Records:* USEPA CERCLIS; National Priorities List; Resource Conservation and Recovery Act (RCRA) generators; RCRA treatment, storage, and/or disposal sites; and other spills, toxic release reporting, RCRA violators, and toxic substance manufactures and importers.
- *State of Georgia Records:* State hazardous sites inventory (HSI), solid waste facilities/landfill sites, registered underground storage tanks (UST's) and leaking underground storage tanks (LUST) records.

A review of the Emergency Response Notification Sites (ERNS) report as provided by FIRSTSEARCH found three sites within ¼ mile of the Property. These sites were identified by our inspection.

A review of the Underground Storage Tank (UST) report as provided by FIRSTSEARCH found three UST's within ¼ mile of the Property. These sites were identified by our inspection.

Although not identified on the FIRSTSEARCH report for UST's, it should be noted that a BP gas station is located at 10400 Wilson Boulevard, ¼ mile south of the Property.

A review of the Leaking Underground Storage Tank (LUST) report as provided by FIRSTSEARCH found three LUST's within ½ mile of the Property. These sites were identified by our inspection.

5.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

In addition to the records discussed in Section 5.1, ACES requested and/or reviewed the following records.

Sanborn Fire Insurance maps were requested; the search indicated maps were not available for this site for review.

City Directory information was requested; The Properties address was searched from 1952-2003. The Properties address was not listed on the search.

5.3 PHYSICAL SETTING SOURCES

ACES reviewed the following documents to determine the physical setting (including the topography, underlying stratigraphy, and hydrogeology) of the Property:

- The USGS 7.5-minute topographic map for the Property from Maptech, Greenland, NH;
- Soil Survey of Richland County, South Carolina, and Published by Environmental FirstSearch Technology Corporation, (FIRSTSEARCH) of Maitland, Florida.

According to the Soil Survey Publication, site soils are classified as Alpin soils. These soils are deep, well drained to excessively drained sands and gravels. They have very high and high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet. The surface layer is loamy sand with deeper soil types of sandy loam, and sandy clay loam. The topography around the site area is relatively flat with the topography of the Property the same.

A copy of the USGS 7.5-minute topographic map for the Property is included as Appendix D.

5.4 HISTORICAL USE INFORMATION ON THE PROPERTY

The historical use of the site and adjoining properties is discussed in detail in this report in Sections 5.4 and 5.5, respectively. This historical information was determined from:

1. A review of aerial photographs, dated 1977 and 1999, obtained from the local Department of Agriculture Office in Columbia, South Carolina;

2. A review of a 1971 (photo revised, 1990) USGS topographic quadrant map;
3. A review of the City Directory Abstract for the dates 1952-2003.
4. Interviews with individuals as described in Section 7.0 of this report.

This site is currently undeveloped and according to the aerial photographs examined, has been undeveloped since prior to 1977. The site has been undeveloped timberland.

5.5 HISTORICAL USE INFORMATION ON ADJOINING PROPERTIES

ACES reviewed aerial photographs dated 1977 and 1999 of the Property. The Property and adjacent land appeared to have been generally undeveloped farm and timber. The surrounding sites showed development that is consistent with information gathered about the Property.

6.0 SITE RECONNAISSANCE

6.1 METHODOLOGY AND LIMITING CONDITIONS

ACES methodology for observing the Property consisted of a vehicular reconnaissance and a walk around. Limitations imposed on the reconnaissance were by physical obstructions such as asphalt and paved areas.

6.2 GENERAL SITE SETTING

Most if not all of the storm water runoff from the Property flows into the storm ditches in the area.

Air emissions from the facility operations are not expected to represent a significant potential for contamination to the subject Property or to adjacent properties as this is undeveloped land.

6.3 EXTERIOR OBSERVATIONS

No unidentified containers were observed on the Property.

There were no indications of on-site waste disposal observed at the time of the site inspection.

There was no evidence of above ground or underground storage tanks located on the Property.

There were no records available at the facility pertaining to tank registrations or other regulatory agency records.

No electrical transformers were located at the site.

6.4 INTERIOR OBSERVATIONS

The Property is currently undeveloped with no structures.

7.0 INTERVIEWS

7.1 INTERVIEW WITH OWNER

ACES interviewed Mr. Bert Storey to obtain information about the Property and its operations. No information of environmental concern was ascertained from this source.

7.2 INTERVIEW WITH SITE MANAGER

The Property is currently undeveloped. No interview was conducted.

7.3 INTERVIEW WITH OCCUPANTS

The Property is currently undeveloped. No interview was conducted.

7.4 INTERVIEW WITH LOCAL GOVERNMENT OFFICIALS

ACES contacted the local fire station for Blythewood, SC. regarding the Property. No information of environmental concern was ascertained from this source.

7.5 INTERVIEW WITH OTHERS

No other interviews were conducted.

8.0 FINDINGS

Based on our on-site inspection and investigation, the following issues were identified as known or suspect environmental conditions associated with the Property, and include recognized environmental conditions, historical recognized environmental conditions and *de minimis* conditions:

- *ERNS*: Three-ERNS sites were identified on the FIRSTSEARCH report. These sites are within ¼ mile of the Property and are not located adjoining the Property.

- **LUST:** Three-LUST sites were identified on the FIRSTSEARCH report. These sites are within ½ mile and are not located adjoining the Property.
- **UST:** Three-UST sites were identified on the FIRSTSEARCH report. These sites are within ¼ mile and are not located adjoining the Property.

Although not identified on the FIRSTSEARCH report for UST's, it should be noted that a BP gas station is located at 10400 Wilson Boulevard, ¼ mile south of the Property.

9.0 OPINION

Based on our on-site inspection and investigation, the following issues are the environmental professional's opinion(s) of the impact on the Property of known or suspect environmental conditions identified in the FINDINGS section above.

- **ERNS:** Three ERNS sites were identified on the FIRSTSEARCH report. These sites are within ¼ mile of the Property and are not located adjoining the Property.
Opinion of Environmental Impact: Should a release event occur at these sites, the Property could be adversely effected depending on the nature of the event. ACES believes that due to the distance of these sites and that they are not located adjoining the Property it is unlikely that the Property would be impacted.
- **LUST:** Three-LUST sites were identified on the FIRSTSEARCH report. These sites are within ½ mile and are not located adjoining the Property.
Opinion of Environmental Impact: Should a release event occur at these sites, the Property could be adversely effected depending on the nature of the event. ACES believes that due to the distance of these sites and that they not located adjoining the Property it is unlikely that the Property would be impacted.
- **UST:** Three-UST sites were identified on the FIRSTSEARCH report and one additional on our reconnaissance. These sites are within ¼ mile and are not located adjoining the Property.
Opinion of Environmental Impact: Should a release event occur at these sites, the Property could be adversely effected depending on the nature of the event. ACES believes that due to the distance of these sites to the Property and that they are not located adjoining the Property it is unlikely that the Property would be impacted.

10.0 CONCLUSION(S)

ACES has performed a Phase I Environmental Assessment in conformance with the scope and limitations of the ASTM Practice E 1527 of the Property consisting of 22.80 acres located on Wilson Boulevard, Richland County, Columbia, South Carolina. Any exceptions to or deletions from these standards are described in Section 2.4 of this report. This assessment has revealed evidence of recognized environmental conditions about the Property and is discussed in the following paragraph(s).

- Although no significant environmental condition was identified, ACES does recommend that the client regularly inspect the Property for any changes in the functionality, staining or debris. Periodic inspections should be performed as the surrounding areas are currently being cleared for development with large amounts of debris on the property line to the south.

11.0 DEVIATIONS

No deletions or deviations from this practice are included in this report.

12.0 ADDITIONAL SERVICES

No additional services were requested by the client.

13.0 REFERENCES

- Aerial Photographs obtained from Richland County Soil Conservation office.
- Radius Map Plus with GeoCheck from FirstSearch Technology Corporation (FIRSTSEARCH) of Maitland, Florida.
- Sanborn Fire Insurance Maps from FirstSearch Technology Corporation (FIRSTSEARCH) of Maitland, Florida.
- The FIRSTSEARCH-City Directory Abstract from FirstSearch Technology Corporation (FIRSTSEARCH) of Maitland, Florida.
- Soil Survey of Richland County, South Carolina, and Published by FirstSearch Technology Corporation (FIRSTSEARCH) of Maitland, Florida.
- The USGS 7.5-minute topographic map for the Property from Maptech, Greenland, NH

14.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Mark E. Hartz of ACES inspected the Property on February 23, 2005. A copy of Mr. Hartz's Professional Profile is included in Appendix E. The findings of the on-site inspection are described in the following subsections.

This environmental site assessment was performed in conformance with the scope and limitations of the ASTM Practice E 1527-00 written and reviewed by the following:

Mark E. Hartz
Vice President

Dan D. Troutman
President

15.0 QUALIFICATIONS OF RESPONSIBLE ENVIRONMENTAL PROFESSIONALS

Mr. Hartz has conducted numerous environmental site assessments and has managed and provided technical review on various environmental projects related to industrial, institutional and commercial properties involving a variety of contaminants including metals, organic solvents, petroleum hydrocarbons and hazardous wastes. He has performed and directed field work including monitoring wells, the collection of soil and ground-water samples, asbestos and lead based paint inspections to the construction and operation of remedial action systems. He has also provided project management and field supervision for the closure of underground storage tanks and the remediation of contaminated soils and groundwater. Mr. Hartz is an officer in ACES, Inc.

Mr. Troutman has conducted numerous environmental audits along with authoring a multitude of site assessments. A copy of his professional profile is included in Appendix E. Mr. Troutman is an advisor to clients on liability issues as they pertain to various projects and costs associated with them. He is responsible for project development and the design of proper methods/procedures for the resolution of complex environmental issues. He regularly performs additional duties as Course Director for The Environmental Institute, Atlanta, GA for various chemistry, lead and asbestos courses. Mr. Troutman is an officer in ACES, Inc.

Appendix A
Photographic Log



Front of Property Facing North on Wilson Blvd.



Front of Property Facing South on Wilson Blvd.



Southeast Side of Property Facing West



Southeast Side of Property Facing East



Debris on East Side of Property Line



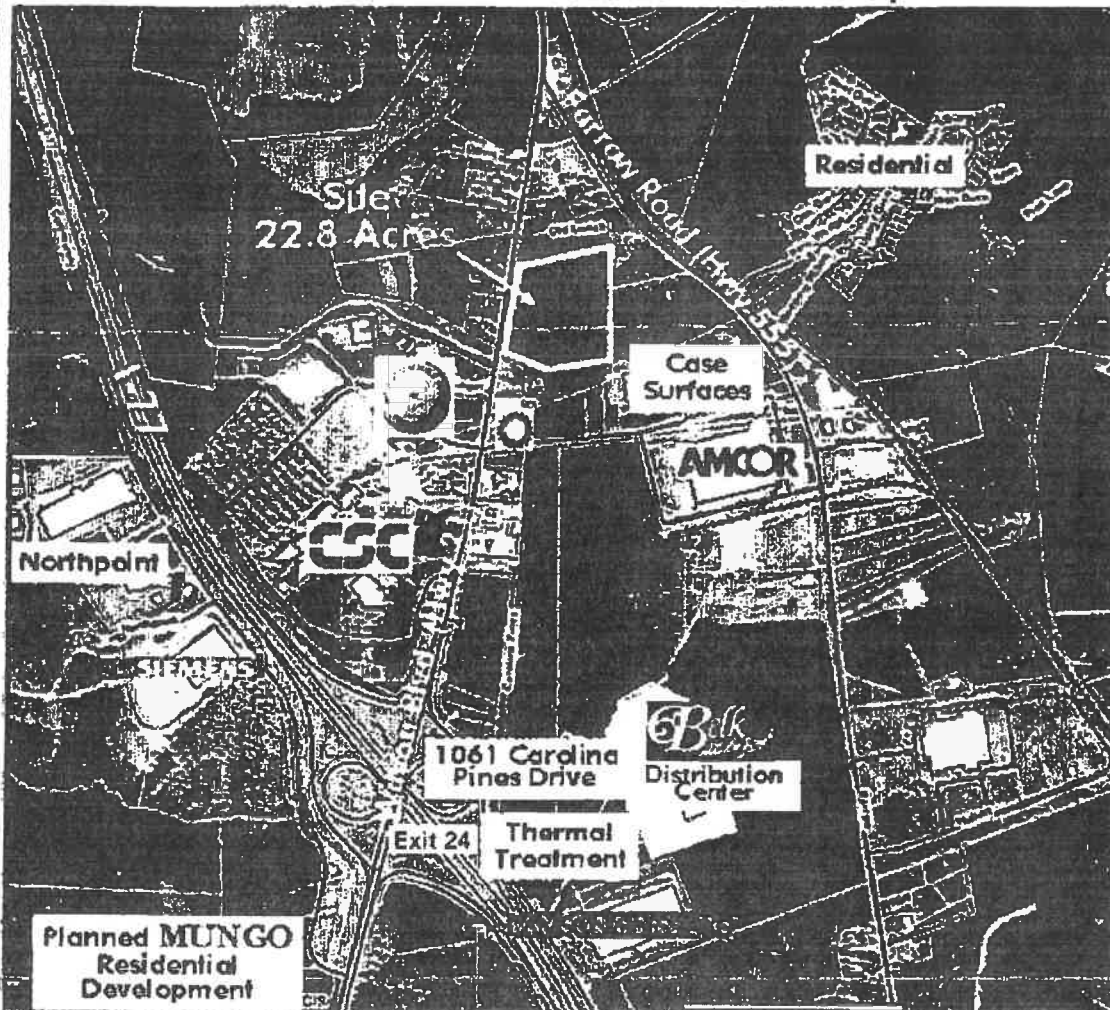
Debris on East Side of Property Line

Appendix B
General Site Layout

For Sale

I-77 and Wilson Boulevard

Growth Corridor Commercial Development Tract



SITE LOCATION AND FEATURES:

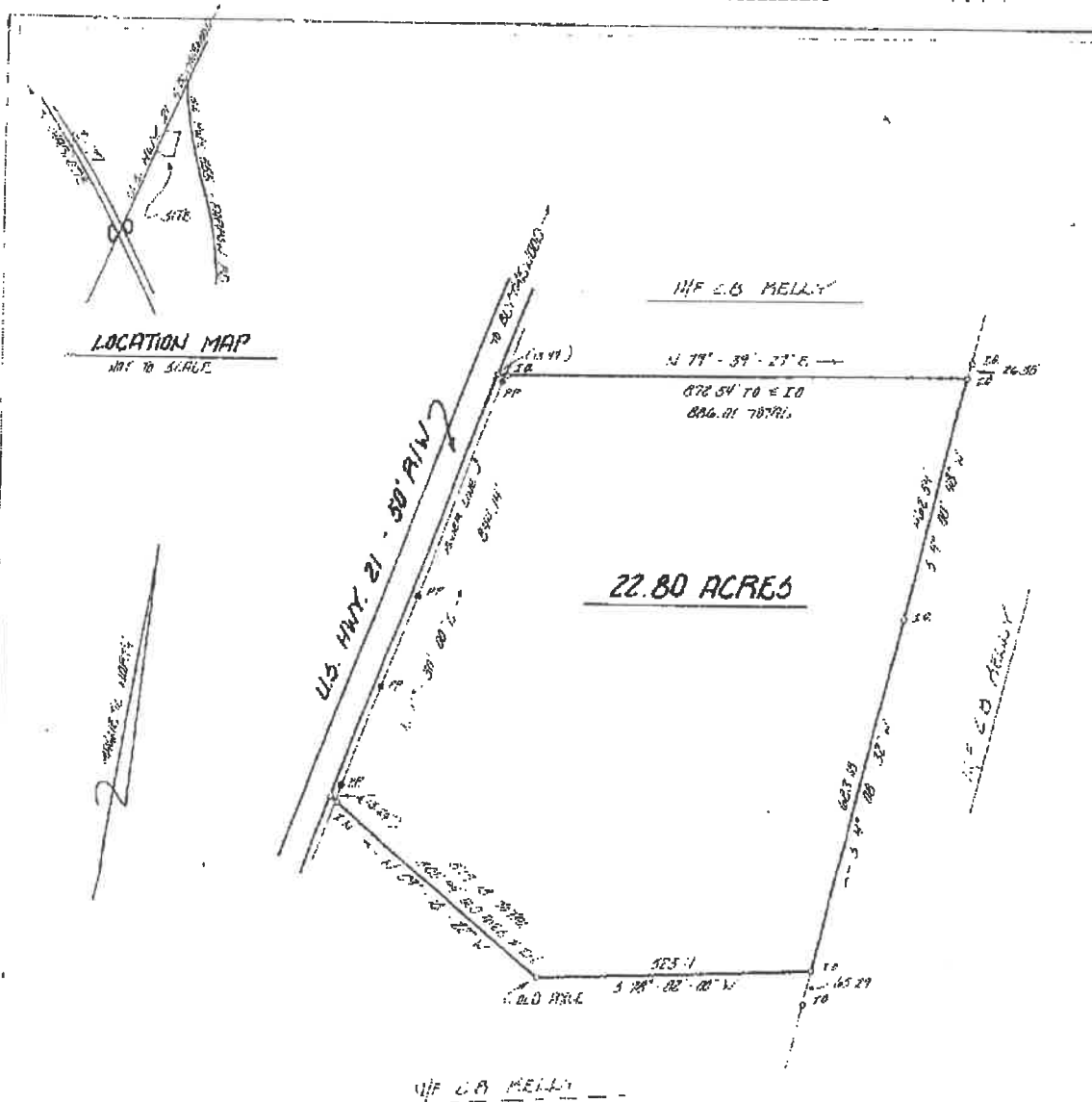
- Emerging Residential & Retail Corridor
- 850' Frontage on Wilson Boulevard (US Highway 21)
- 1 Mile from Planned 371 Acre/400 Home Residential Development by Mungo
- 1.5 Miles from Town of Blythewood
- Surrounding Class A Office/Industrial/Residential Neighborhood
- Zoned C-3 (General Commercial)
- City of Columbia Water and Sewer Nearby at Jenkins Brothers Road
- Richland County TMS # 15000-05-04
- Price: \$1,250,000, or \$1.25 PSF

CBRE
CB RICHARD ELLIS

For Information Contact:

Rick Signon
Office: 803.744.6858
Mobile: 803.261.5651
Email: rick.signon@cbre.com

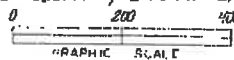
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PLAN PREPARED FOR
PARK STREET ASSOCIATES
A SOUTH CAROLINA GENERAL PARTNERSHIP
LOCATED IN RICHLAND COUNTY, SOUTH CAROLINA

REVISED FEBRUARY 21, 196
TO SHOW NO CHANGE.

SCALE: 1" = 200'



DATE DECEMBER 10, 1984

REMOVED FEBRUARY 12, 1966 FOR
INADVERTENT NAME & SPELLING CHANGES.

REFERENCE 1221 BROADWAY RD. WILHELM 3. 10/15/57 BY ASSOCIATED LANDMAKERS & SURVEYORS. INC.
OPTION FEB 10, 1961
BROADWAY RD. WILHELM 3. 10/15/57 BY ASSOCIATED LANDMAKERS & SURVEYORS. INC.

IDENTIFICATION OF THE AREA BY PHOTOGRAPHY AND CORRECT SURVEY
MADE ON THE GROUND AND HE HAD NO OTHER INFORMATION. THERE IS NO
AS SHOWN HEREIN IN THE AREA AND DETERMINED BY ME METHOD OF AREA

4-17-74
 5641-3724

ACQUISITION OF ENGLISH AS A SECOND LANGUAGE

R-11-86

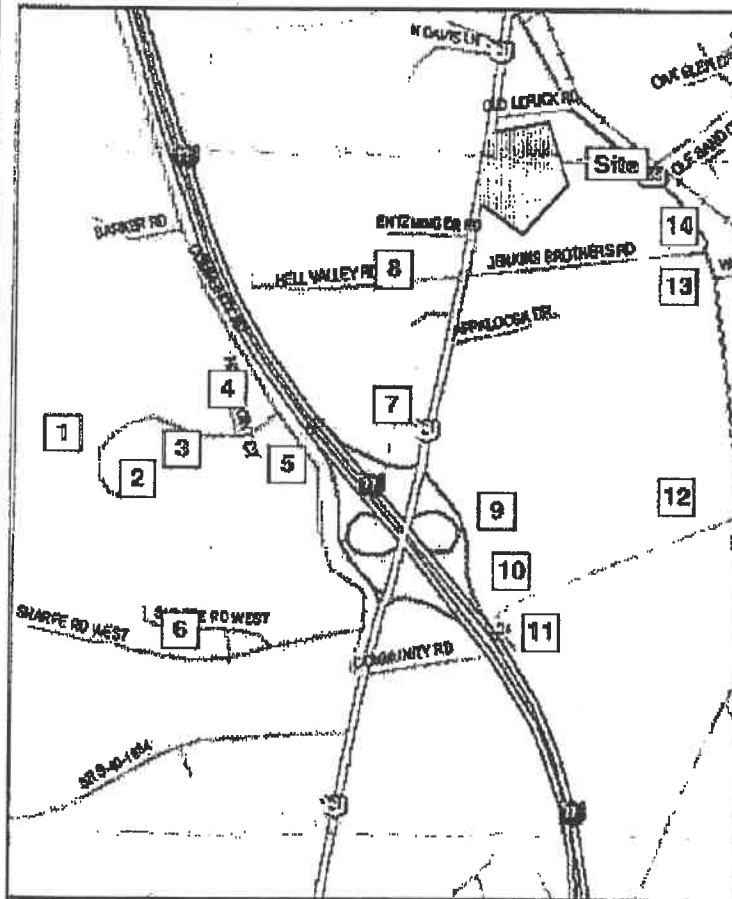
I-77 and Wilson Boulevard

Development Corridor Neighborhood

Demographics:

- Population Growth 1990 - 2000
- Households Growth 1990 - 2000
- Average Household Income
- Median Household Income

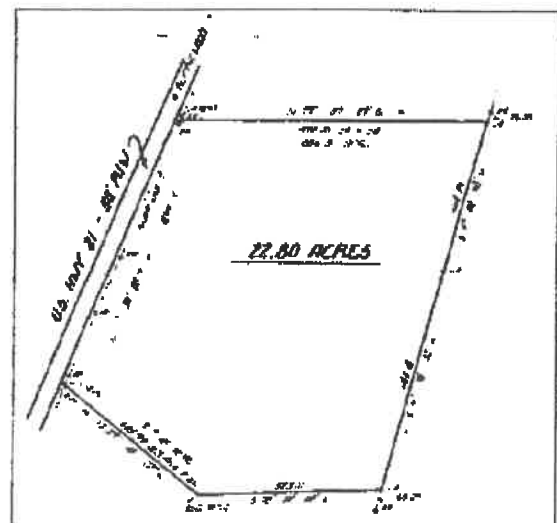
1 Mile	3 Miles	5 Miles
108.18%	88.79%	121.54%
116.44%	96.65%	130.02%
\$91,973	\$89,985	\$87,257
\$74,306	\$72,652	\$71,291



Legend

- 1 Spirex
- 2 Hueck Foils
- 3 Coca Cola
- 4 Koyo Bearing (Northpoint
- 5 Siemens
- 6 Mungo Residential Development
- 7 CSC
- 8 SC Department of Public Safety
- 9 Schmalbac-Lubeca
- 10 Lamson & Sessions
- 11 Bose
- 12 Belk Distributing Center
- 13 Amcor
- 14 Case Surfaces

Site Survey



CBRE
CB RICHARD ELLIS

For Information Contact:
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Email: rick.sigmon@cbre.com

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**PHASE I
ENVIRONMENTAL SITE ASSESSMENT**

For

**10424 WILSON BLVD
RICHLAND COUNTY, SC, 29016**

Prepared for

**PEDCOR INVESTMENTS,
A LIMITED LIABILITY COMPANY
770 3RD AVENUE SW
CARMEL, INDIANA 46032**

AND

**SC STATE HOUSING FINANCE &
DEVELOPMENT AUTHORITY**

Prepared by

**Arkose Environmental, Inc.
P.O. Box 560975
The Colony, Texas 75056
Telephone (214) 682-4582
www.arkoseinc.com**

AEI PROJECT NO.: 22-160

A handwritten signature in blue ink that reads "Lui Barkkume". The signature is written in a cursive, flowing style.

**Lui Barkkume, P.G., CESCO
Environmental Project Manager
TX Licensed Professional Geologist, # 1937**

**Regulatory Database Search Report Date:
September 5, 2022**

**First Interview Date:
July 14, 2022**

**Environmental Professional Declaration Date:
November 3, 2022**

**Inspection Date:
July 23, 2022**

**Report Date:
November 4, 2022**

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EXECUTIVE SUMMARY

Arkose Environmental, Inc. (AEI) has performed a Phase I Environmental Site Assessment (ESA) in general accordance with the scope of work and limitations set forth by Pedcor Investments, A Limited Liability Company, for the property located at 10424 Wilson Blvd, Richland County, South Carolina ("Subject Property").

The Phase I Environmental Site Assessment is designed to provide Pedcor Investments with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the Subject Property. This assessment was conducted utilizing generally accepted ESA industry standards in accordance with ASTM E 1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

The Subject Property is addressed at 10424 Wilson Blvd is irregular in shape and encompasses approximately 22.8 acres of land. The Subject Property was unoccupied vacant land upon the date of the site reconnaissance, July 23, 2022. The Subject Property has historically been undeveloped. According to the Richland County Zoning Map, the Subject Property is zoned ID for General Commercial District.

AEI obtained and reviewed a database report from Environmental Risk Information Services (ERIS) for the Subject Property and the surrounding area. Two (2) Federal regulated sites were identified within the database search. Fourteen (14) State regulated sites were identified within the database search. One (1) up-gradient site impacted by petroleum products was identified as a REC.

AEI prepared a Tier 1 Vapor Encroachment Screen report for the Subject Property and surrounding areas in compliance with ASTM E 2600-15 "Standard Guide for Vapor Encroachment Screening on Subject Property Involved in Real Estate Transactions" using the ERIS Xplorer application. Based on the database report, site observations, and the Vapor Encroachment Screen distances of up to 1/10 of a mile for petroleum contamination and up to 1/3 of a mile for other volatile compounds, at least one (1) site impacted by petroleum products or other hazardous chemicals that produce vapors was identified as potential vapor encroachment concern to the Subject Property.

Conclusions

AEI has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-21 for the property located at 10424 Wilson Blvd, in Richland County, South Carolina. 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 Subject Property except for the following:

- Based on its up-gradient position, the documented groundwater gradient, on-going investigation/monitoring regulatory status, and history of DHEC violations and enforcement, the Mini Mart LUST site located 528 feet north-northwest of the Subject Property at 10447 Wilson Blvd appears to represent evidence of a REC.

Recommendations

Based on the findings of this ESA, AEI recommends the following:

- Based on current groundwater sampling data included in the DHEC file (FOI request 867829) reviewed by AEI, a subsurface investigation of the Subject Property is not recommended at this time. However, one (1) additional direct injection of pulverized activated carbon (PAC) based product

event to aid in the removal of free phase petroleum product and elevated chemicals of concern (COC) as well as a minimum of three (3) additional quarterly groundwater sampling are reportedly scheduled to be conducted at the Mini Mart site prior to demobilization, site restoration, and submittal for DHEC concurrence that no further action (NFA) is required for clean-up. If Pedcor Investments, A Limited Liability Company elects to move forward with the pending financial transaction, AEI recommends additional DHEC file reviews be conducted to follow the status of the Mini Mart contaminant plume, site remediation, and closure status.

- Mitigation for potential groundwater exposure and vapor encroachment conditions on the Subject Property.

This executive summary does not contain all the information that is found in the full report. The report should be read in its entirety to obtain a more complete understanding of the information provided and to aid in any decisions made or actions taken based on this information.

1.0 INTRODUCTION

Arkose Environmental, Inc. (AEI) was retained by Pedcor Investments, A Limited Liability Company to conduct a Phase I Environmental Site Assessment (ESA) for the property located at 10424 Wilson Blvd, Richland County, South Carolina. The protocol used for this assessment is in general conformance with ASTM E 1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

On July 23, 2022, Ms. Lui Barkkume conducted a site reconnaissance to assess the possible presence of petroleum products, hazardous materials and/or other environmental concerns that may exist with respect to the Subject Property. AEI's investigation included a review of aerial photographs, a reconnaissance of adjacent properties, background research, and a review of available local, state, and federal regulatory records regarding the presence of petroleum products and/or hazardous materials at the Subject Property.

AEI contracted Environmental Risk Information Services (ERIS), to perform a computer database search for local, state, and Federal regulatory records pertaining to environmental concerns for the Subject Property and properties in the vicinity of the Subject Property (see Section 3.0).

1.1 Purpose

The purpose of this Phase I Environmental Site Assessment (ESA) was to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E 1527-21) in connection with the Subject Property. AEI understands that the findings of this study will be used by Pedcor Investments, A Limited Liability Company to evaluate a pending financial transaction in connection with the Subject Property.

1.2 Detailed Scope of Services

The scope of work for this ESA is in general accordance with the requirements of ASTM Standard E 1527-21. AEI 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 Environmental Site Assessment of a property for the purpose of identifying recognized environmental conditions.

No other warranties are implied or expressed.

1.3 Significant Assumptions

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. AEI believes that the information obtained from the record review and the interviews concerning the site is reliable. However, AEI cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The methodologies of this assessment are not intended to produce all-inclusive or comprehensive results, but rather to provide Pedcor Investments, A Limited Liability Company with information relating to the Subject Property.

1.4 Limitations and Exceptions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM 1527-21. Specific limitations and exceptions to this ESA are more specifically set forth below:

- **Access Limitations:** AEI was unable to access some portions of the Subject Property due to dense vegetation. Based on visual observations in accessible areas, historical aerial photograph review, and satellite imagery, the exterior portions of the Subject Property that were difficult to access on foot due to the dense vegetation are likely similar to the accessible areas.
- **Unavailable or Not Reasonably Ascertainable Standard Historical Sources:** AEI requested historical fire insurance maps for the Subject Property from ERIS and was subsequently informed that no such maps for the Subject Property or immediate vicinity are available. The lack of fire insurance map coverage is not considered a significant data gap that affects the ability of the environmental professional to identify a recognized environmental condition. In addition to the historical aerial photographs, topographic maps, and local street directories reviewed by AEI, other historical resources including interviews and land title records were used to satisfy the objective of analyzing historical property information and developing a history of the previous uses of the Subject Property, adjoining properties, and surrounding area to help identify the likelihood of past uses having led to recognized environmental conditions in connection with the Subject Property.

The limitations listed above are not considered critical and do not change the conclusions of this report, as the area reconnaissance, readily available historical documentation, and interviews with persons familiar with the Subject Property revealed the current and historical use of the Subject Property.

1.5 Special Terms and Conditions

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 subsurface exploratory drilling or sampling was done under the scope of this work. Unless specifically stated otherwise in the report, no chemical analyses have been performed during the course of this ESA.

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 is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

According to ASTM 1527-21, a Phase I Environmental Site Assessment is valid for up to one year prior to the purchase date of the Subject Property or the date of the intended transaction (for transactions not involving acquisition). However, the following components must be current to within 180 days of the purchase date or the date of the intended transaction.

- Interviews
- Searches for recorded environmental cleanup liens
- Reviews of federal, tribal, state, and local government records
- Visual inspections of the facility and adjoining properties

- The declaration by the environmental professional responsible for the assessment or update

The initial dates for each of the components listed above for this Phase I ESA are provided on the cover of this report.

1.6 User Reliance

This report is for the use and benefit of and may be relied upon by South Carolina State Housing Finance & Development Authority, Pedcor Investments, A Limited Liability Company, Village Capital Corporation, Pedcor Housing Corporation, Merchants Capital Corporation, United Fidelity Bank, fsb and International City Bank as well as their successors and assigns and the lending institution in connection with a secured financing of the Subject Property. Additional parties cannot rely on this report without written consent from AEI. Any third party agrees by accepting this report that any use or reliance on this report shall be limited by the exceptions and limitations in this report, the terms and conditions under which this project was conducted, and with the acknowledgment that actual Subject Property conditions may change with time, and that hidden conditions may exist at the Subject Property that were not discoverable within the authorized scope of the assessment.

Third party reliance letters may be issued on request and upon payment of the, then current fee for such letters. All third parties relying on AEI's reports, by such reliance, agree to be bound by the proposal and AEI's General Conditions. No reliance by any party is permitted without such agreement, regardless of the content of the reliance letter itself.

AEI makes no other representation to any third party except that it has used the degree of care and skill ordinarily exercised by environmental consultants in the preparation of the report and in the assembling of data and information related thereto. No other warranties are made to any third party, either express or implied.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description

The physical address assigned to the Subject Property is 10424 Wilson Blvd, Richland County, South Carolina. The parcel identification number for the Subject Property is R15000-05-04. A legal description for the Subject Property is provided below.

ALL THAT CERTAIN PIECE, PARCEL OR TRACT OF LAND, with improvements thereon, situate, lying, and being near the Town of Blythewood, in the County of Richland, State of South Carolina, fronting on Wilson Blvd, and being more particularly shown and delineated as 22.8 acres on a plat prepared for Bert Storey Associates by Associated E & S Inc., dated September 14, 2006, and recorded in plat book 1062 at page 967.

Barry L., by Food Lion Plaza Partners dated September 14, 2006, and recorded in Record Book R1229, page 1719 in the Office of the Register of Deeds for Richland County and having such boundaries and measurements as will more fully appear by reference to said plat.

Excepting therefrom, all that certain piece, parcel or tract of land consisting of 22.8 of an acre of land, more or less, and all improvements thereon, if any, which was Deeded to the E&S Inc. by Food Lion Plaza Partners, by Deed dated September 14, 2006 and recorded in Deed Book 1062 at Page 967 in the Register of Deeds for Richland County, South Carolina, a portion of Tax Map No. 15000-05-04.

According to title records, the Subject Property is currently owned by Barry L. Storey, who has owned the Subject Property since September 14, 2006.

2.2 Site and Vicinity General Characteristics

The Subject Property is irregular in shape and encompasses approximately 22.8 acres of land. The Subject Property is in a mixed-use development area characterized by single-family residences, sports fields, distribution centers, manufacturing facilities, industrial facilities, and commercial businesses.

2.3 Current Use of the Subject Property

Currently the Subject Property is unoccupied vacant land.

2.4 Description of Site Improvements

Site improvements on the Subject Property at the time of AEI's reconnaissance on July 23, 2022, included fencing along the north and sections of the east boundaries of the Subject Property, and overhead tubular steel transmission powerlines and buried utilities along the west boundary.

Photographs showing prominent features of the site are provided in Appendix A.

Utilities

Utility systems identified in the Subject Property area are as follows:

- Potable water in the vicinity of the Subject Property is supplied by privately owned wells and Columbia Water.

- Depending on location and infrastructure availability, sewage collection and treatment is provided by Richland County sewer system or on-site private septic systems.
- PSNC Energy provides natural gas service in the vicinity of the Subject Property.
- Duke Energy and Fairfield Electric Cooperative, Inc. provide electricity service in the vicinity of the Subject Property.
- Solid Waste Collection is serviced by Richland County.

2.5 Current Use of Adjoining Properties

Current use of the adjoining properties as determined through observation, interviews and records review is described below.

- North:** Adjoining the Subject Property to the north is Rockfish Truck Parking, a commercial truck parking lot at 10432 Wilson Blvd.
- South:** Adjoining the Subject Property to the south is Reese's Plants, a plant nursery and garden center at 10418 Wilson Blvd.
- East:** Adjoining the Subject Property to the east is Red Zone Elite Sports Fitness softball and baseball practice field and batting cages at 11051 Farrow Rd., Mountain Air Heating and Cooling residential and commercial HVAC service provider at 11043 Farrow Rd, and approximately 17-acres of densely forested land.
- West:** Wilson Boulevard binds the Subject Property to the west. Adjoining properties to the west, beyond Wilson Blvd, are single family residences addressed at 10425, 10429, and 10433 Wilson Blvd.

3.0 USER PROVIDED INFORMATION

Pursuant to ASTM E 1527-21, AEI requested the following site information from Pedcor Investments, A Limited Liability Company (User of this report). Mr. Michael S. Byron with Pedcor Investments, A Limited Liability Company completed a Pre-Survey Questionnaire and Disclosure Statement on behalf of the User of this report. A copy of the Pre-Survey Questionnaire and Disclosure Statement completed by Mr. Byron is provided in Appendix G.

3.1 Title Records

AEI obtained an 85-year chain of title and environmental lien search for the Subject Property from Texas Environmental Research. No records of environmental concern were identified in the recorded land title records and no environmental liens or activity and use limitations are currently recorded against or relating to the Subject Property. AEI reviewed Richland County Register of Deeds records available for the Subject Property online. No records of environmental concern and no environmental liens or activity and use limitations were identified in the Richland County Register of Deeds records.

3.2 Environmental Liens or Activity and Use Limitation

AEI requested information from the User regarding knowledge of environmental liens or activity and use limitations for the Subject Property. Mr. Byron indicated that he is not aware of environmental liens or activity and use limitations for the Subject Property.

3.3 Specialized Knowledge

AEI inquired with Mr. Byron regarding any specialized knowledge of environmental conditions associated with the Subject Property. Mr. Byron indicated that he did not have any specialized knowledge of environmental conditions associated with the Subject Property.

3.4 Commonly Known or Reasonably Ascertainable Information

AEI inquired with Mr. Byron regarding any commonly known or reasonably ascertainable information associated with the Subject Property. Mr. Byron is not aware of commonly known or reasonably ascertainable information associated with the Subject Property.

3.5 Valuation Reduction for Environmental Issues

AEI inquired with Mr. Byron regarding any knowledge of reductions in property value due to environmental issues. Mr. Byron is not aware of any valuation reductions associated with the Subject Property.

3.6 Obvious Indicators of a Release

AEI inquired with Mr. Byron regarding any knowledge and experience related to any obvious indicators that point to the presence or likely presence of releases at the Subject Property. Mr. Byron indicated that he does not have any knowledge or experience related to any obvious indicators that point to the presence or likely presence of releases at the Subject Property.

3.7 Owner, Property Manager, and Occupant Information

The Subject Property is currently owned by Barry L. Storey who has owned the Subject Property since September 14, 2006. Mr. Jim Trotter was identified as the key site manager. The Subject Property is currently unoccupied.

3.8 Reason for Performing Phase 1 ESA

The purpose of this Phase I Environmental Site Assessment (ESA) was to identify existing or potential recognized environmental conditions (as defined by ASTM Standard E 1527-21) in connection with the Subject Property. This ESA was also 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 E 1527-21 constitutes “*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice” as defined at 42 U.S.C. §9601(35)(B).

AEI understands that the findings of this study will be used by Pedcor Investments, A Limited Liability Corporation to evaluate a pending financial transaction in connection with the Subject Property.

3.9 Other

In addition to satisfying one of the requirements to qualify for an LLP to CERCLA liability another reason for performing a *Phase I Environmental Site Assessment* may include the need to understand potential environmental conditions that could materially impact the operation of the business associated with the parcel of *commercial real estate*.

4.0 RECORDS REVIEW

4.1 Standard Environmental Record Sources

The regulatory agency database report discussed in this section, provided by Environmental Risk Information Services, Inc. (ERIS), was reviewed for information regarding reported releases of hazardous substances and petroleum products on or near the Subject Property. AEI also reviewed the “unmappable” (sometimes referred to as “orphan”) listings within the database report, cross-referencing available address information and facility names when possible. Unmappable sites are listings that could not be plotted with confidence but are identified as being located within the general area of the Subject Property based on the submitted Subject Property information. Any site from the unmappable listings that was identified by AEI as a result of the area reconnaissance and/or cross-referencing to mapped listings is included in the discussion within this section. The following is a summary of the findings of the database review:

Federal Regulatory Databases <i>Summary of Agency Database Findings</i>	Minimum Search Distance	Subject Property Listed?	Sites Listed
Federal National Priority List (NPL)	1 mile	No	0
Proposed NPL	1 mile	No	0
Delisted NPL	1 mile	No	0
NPL Liens	Subject Property	No	0
Federal CERCLIS list	½ mile	No	0
Federal CERCLIS-NFRAP	½ mile	No	0
Federal RCRA CORRACTS	1 mile	No	0
Federal RCRA non- CORRACTS TSD	½ mile	No	0
Federal RCRA Large Quantity Generators (LQG)	¼ mile	No	0
Federal RCRA Small Quantity Generators (SQG)	¼ mile	No	1
Federal RCRA Very Small Quantity Generators (VSQG) (previously referred to as Conditionally Exempt Small Quantity Generators (CESQG))	¼ mile	No	1
Federal RCRA Non Generators / NLR	¼ mile	No	0
Federal ERNS list	Subject Property	No	0
Federal HMIRS list	1/8 mile	No	2
US Engineering Controls list	½ mile	No	0
US Institutional Controls list	½ mile	No	0
Department of Defense Sites (DOD)	1 mile	No	0
Formerly Used Defense Sites (FUDS)	1 mile	No	0
US Brownfields	½ mile	No	0
Superfund CERCLA Consent Decrees (CONSENT)	1 mile	No	0
Records of Decision (RODS)	1 mile	No	0

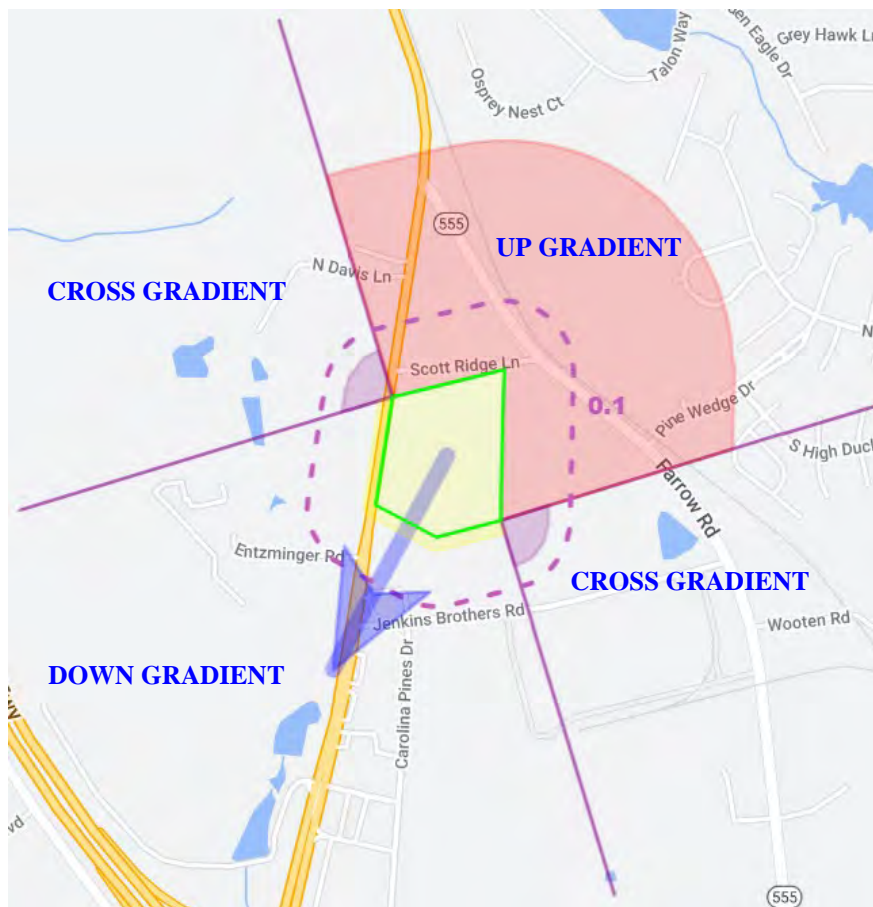
Federal Regulatory Databases Summary of Agency Database Findings	Minimum Search Distance	Subject Property Listed?	Sites Listed
Uranium Mill Tailings Sites (UMTRA)	½ mile	No	0
Federal Open Dump Inventory (ODI)	½ mile	No	0
Federal TRIS list	Subject Property	No	0
Federal TSCA list	1/8 mile	No	1
Federal FTTS list	Subject Property	No	0
Federal Section 7 Tracking Systems (SSTS)	Subject Property	No	0
Department of Transportation Office of Pipeline Safety (DOT OPS)	Subject Property	No	0
LIENS 2	Subject Property	No	0
Land Use Control Information System (LUCIS)	½ mile	No	0
Integrated Compliance Information System (ICIS)	Subject Property	No	0
Radiation Information Database (RADINFO)	Subject Property	No	0
Clandestine Drug Labs (CDL)	Subject Property	No	0
FIFRA/TSCA Tracking Administrative Case Listing (HIST FTTS)	Subject Property	No	0
Torres Martinez Reservation Illegal Dump Site Locations (DEBRIS REGION 9)	½ mile	No	0
PCB Activity Database System (PADS)	Subject Property	No	0
Material Licensing Tracking System (MLTS)	Subject Property	No	0
Mines Master Index File (MINES)	¼ mile	No	0
Federal Facility Index System (FINDS) / Facility Registry Service (FRS)	Subject Property	No	0
Enforcement and Compliance History Online (ECHO)	Subject Property	No	0
RCRA Administrative Action System (RAATS)	Subject Property	No	0
Groundwater Contamination Inventory (GWCI)	½ mile	No	0
Mineral Resource Data System (MRDS)	1 mile	No	0

State and Local Regulatory Databases Summary of Agency Database Findings	Minimum Search Distance	Subject Property Listed?	Sites Listed
State Superfund Registry (SHWS)	1 mile	No	0
Innocent Owner/Operator Program (IOP)	Subject Property	No	0
State Non-Hazardous Inventory Sites (NON-HSI)	1 mile	No	0
State Hazardous Substance Disposal Sites (NC-HSDS)	1 mile	No	0
Industrial Hazardous Waste	¼ mile	No	0

State and Local Regulatory Databases Summary of Agency Database Findings	Minimum Search Distance	Subject Property Listed?	Sites Listed
State Closed Landfill Inventory (CLI)	½ mile	No	0
State Permitted Solid Waste Facilities (SWF/LF)	½ mile	No	0
Commercial Hazardous & Solid Waste Management Facilities	Subject Property	No	0
State Leaking Underground Storage Tanks (LUST)	½ mile	No	4
State Trust Fund Database (LUST TRUST)	½ mile	No	0
Delisted Leaking Underground Storage Tanks (Delisted LST)	½ mile	No	2
State Leaking Aboveground Storage Tanks (LAST)	½ mile	No	0
State Registered Underground Storage Tanks (UST)	¼ mile	No	4
State Registered Aboveground Storage Tanks (AST)	1 mile	No	0
Incident Management Database (IMD)	½ mile	No	0
LIENS	Subject Property	No	0
Delisted Superfund Registry Sites (DEL SHWS)	1 mile	No	0
State Spills Database	Subject Property	No	0
Sites with Controls (AUL)	½ mile	No	0
State Voluntary Cleanup Program Database (VCP)	½ mile	No	0
Drycleaners Registration Database Listing	¼ mile	No	0
Brownfields	½ mile	No	0
US Brownfields	½ mile	No	0
Notice of Violations Listing (ENF)	Subject Property	No	0
State Industrial & Hazardous Waste Database	Subject Property	No	0
Recycling Center Listing (SWRCY)	½ mile	No	0
Current Emission Inventory Database (AIRS)	Subject Property	No	0
Air Permit	¼ mile	No	1
Tier 2 Chemical Inventory Reports (TIER 2)	Subject Property	No	0
Municipal Settings Designations Database (MSD)	½ mile	No	0
Radioactive Waste Sites (RWS)	Subject Property	No	0
Historic Liens	Subject Property	No	0
Registry of Conditional Remedies (RCR)	½ mile	No	0

Tribal Records Summary of Agency Database Findings	Minimum Search Distance	Subject Property Listed?	Sites Listed
Indian Reservations	1 mile	No	0
Indian Leaking Underground Storage Tank Database	½ mile	No	0
Indian Underground Storage Tank Database	¼ mile	No	0

General Topographic Gradient using USGS surface elevation data: SW



Sites identified through the federal, state, tribal and local environmental records review within the approximate minimum search distances are further discussed below.

Federal Agency Database Findings

Five (5) sites were identified through the federal environmental records review within the approximate minimum search distance.

Federal Resource Conservation and Recovery Act (RCRA), Large Quantity Generator (LQG), Small Quantity Generator (SQG) and Very Small Quantity Generator (VSQG) Sites: The RCRA program identifies and tracks hazardous waste from the point of generation to the point of disposal.

The RCRA Generators 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). LQG sites generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month. SQG sites generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month. VSQG sites generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

No (0) RCRA LQG site, one (1) RCRA SQG, and one (1) RCRA VSQG site were identified within a ¼-mile radius of the Subject Property. No (0) RCRA generator facilities are located on the Subject Property.

SITE NAME	Owens Corning Non-Woven-Blythewood LLC	ID #:	SCD987566437
ADDRESS	1051 Jenkins Brothers Rd	CITY, STATE, ZIP	Blythewood, SC 29016
DISTANCE:	0.11 Miles / 558 Feet	DIRECTION / GRADIENT	SE / Cross-gradient
This facility is listed as a RCRA VSQG. This facility reportedly produces insulation, roofing, and fiberglass composites, using glass based coating and various non-woven materials. Compliance violations occurring in 1989, 1992, 1995, and 2003 are on record for the facility. AEI reviewed the current Detail Facility Report as of the date of the last compliance monitoring activity on 06/17/2021 on the EPA Enforcement and Compliance History Online (ECHO) at https://echo.epa.gov/detailed-facility-report?fid=110002232487 and the facility's current quarterly compliance status for the past 5 years indicates "No Violations Identified." Based on the current regulatory status, the RCRA VSQG listing of this facility does not appear to represent evidence of a recognized environmental condition (REC) in connection with the Subject Property at this time. This facility is also identified as a HMIRS, TSCA, and AIR PERMIT site and is discussed in the corresponding sections of this report			

SITE NAME	Patterson Logistics Services, Inc	ID #:	SCR000780346
ADDRESS	925 Carolina Pines Blvd	CITY, STATE, ZIP	Blythewood, SC 29061
DISTANCE:	0.19 Miles / 983 Feet	DIRECTION / GRADIENT	S / Down-gradient
This facility is listed as a RCRA SQG. This facility reportedly distributes animal dental and health products, equipment, technology, and services. No violations are reported for the facility as of April 2022. Based on the lack of violations, and current regulatory status, the RCRA SQG listing of this facility does not appear to represent evidence of a REC in connection with the Subject Property at this time.			

Hazardous Materials Information Reporting System (HMIRS): U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation. Two (2) HMIRS sites were identified within 1/8-mile of the Subject Property. Both HMIRS sites were identified at the same location/address at 1051 Jenkins Brothers Road in Blythewood, SC and for a single incident, which occurred on October 22, 2002.

SITE NAME	Not Listed	Incident #:	I-2002120264
ADDRESS	1051 Jenkins Brothers Rd	CITY, STATE	Blythewood, SC
DISTANCE:	0.11 Miles / 558 Feet	DIRECTION / GRADIENT	SE / Cross-gradient

On 10/22/2002 two (2) liquid gallons of formaldehyde were spilled/released from a portable tank mounted on a truck chassis. According to the spill report, "Driver had unloading and was bleeding line into a bucket. Driver left the bucket under the line and went to his truck to put away his hoses. While the driver was away. The bucket over flowed spilling residue of product." Based on the material spilled, the reported quantity of the material spilled, the cross-gradient position of the facility, and the current regulatory status, the HMIRS listings for this facility do not appear to represent evidence of a recognized environmental condition (REC) in connection with the Subject Property at this time. This facility is also identified as a RCRA VSQG, TSCA, and AIR PERMIT site and is discussed in the corresponding sections of this report

Toxic Substances Control Act (TSCA): The Environmental Protection Agency (EPA) is amending the TSCA section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule. The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI). One (2) TSCA site was identified within 1/8-mile of the Subject Property.

SITE NAME	Casco Impreg-Blythewood	ID #:	SCD987566437
ADDRESS	1051 Jenkins Brothers Rd	CITY, STATE, ZIP	Blythewood, SC 29016
DISTANCE:	0.11 Miles / 558 Feet	DIRECTION / GRADIENT	SE / Cross-gradient
Reported site details from 2002 indicate Casco Impregnated Papers, America Company (former occupant) stored and/or utilized monomethylamine, mono ethanol-ammonium sulfite and p-Toluenesulfonic acid at this facility. No spills or releases are reported for the three TSCA listed chemicals. Based on its current occupancy, regulatory status, and cross-gradient position, the TSCA listing of this facility does not appear to represent evidence of a recognized environmental condition (REC) in connection with the Subject Property at this time. This facility is also identified as a HMIRS, RCRA VSQG, and AIR PERMIT site and is discussed in the corresponding sections of this report			

State Agency Database Findings

Eleven (11) sites were identified through the state environmental records review within the approximate minimum search distance.

Underground Storage Tank (UST): The Underground Storage Tank Division of the Department of Health and Environmental Control (DHEC) manages a list of permitted underground storage tank sites. Four (4) UST sites were identified within ¼-mile of the Subject Property. No (0) UST sites are located on the Subject Property or its immediately adjoining properties.

FACILITY / ADDRESS	DISTANCE, DIRECTION, GRADIENT	STATUS
Mini Mart 10447 Wilson Blvd Blythewood, SC 29016	0.10 mi / 528 ft, NNW, Up-gradient	Active UST ID#: P-10503 2-Active 4,000-gallon gasoline USTs 1- Extended Out of Use gasoline UST 5 USTs removed in 1987 Release reported: 1/10/1992
Spivey's Service Station 10447 Wilson Blvd	0.10 mi / 528 ft, NNW, Up-gradient	Same location as Mini Mart (see above) ID#: N-07861

FACILITY / ADDRESS	DISTANCE, DIRECTION, GRADIENT	STATUS
Blythewood, SC 29016		Inactive site in DHEC database No tanks reported in DHEC database
Sharpe Shoppe IV 10400 Wilson Blvd Blythewood, SC 29016	0.13 mi / 712 ft, SSW, Down-gradient	Active UST ID#: P-17740 3-Active fuel USTs 8,000-20,000 gallons Release reported: 1/27/2009
Bordon Decorative Products 1 Jenkins Brothers Rd Blythewood, SC 29016	0.17 mi / 871 ft, SSW, Down-gradient	ID#: N-15525 Inactive site in DHEC database No tanks reported in DHEC database No reported releases in the DHEC database

Based on its topographic position, the anticipated groundwater gradient, and its current regulatory status, the UST listing for the Bordon Decorative Products site does not appear to represent evidence of a REC in connection with the Subject Property at this time. The Mini Mart (a.k.a. Spivey's Service Station) and Sharpe Shop IV locations are LUST sites and are further discussed in the corresponding section below.

Leaking Underground Storage Tanks (LUST), Leaking Aboveground Storage Tanks (LAST), and Delisted Leaking Storage Tanks (Delisted LST): The LUST database is a list of incidents involving releases from underground storage tanks reported to the DHEC, including locations from the Underground Storage Tank Division's UST Registry Search with confirmed or unconfirmed releases. The LAST database is a listing of incidents involving petroleum releases from unregulated sources such as aboveground storage tanks, heating oil tanks and spills during transport reported to the DHEC. The Delisted LST database contains a list of sites that once appeared on and have since been removed from the list of LASTs and/or the list of LUSTs made available by the South Carolina DHEC.

Four (4) LUST sites, no (0) LAST sites, and two (2) Delisted LST sites were identified within ½-mile of the Subject Property.

FACILITY / ADDRESS	DATABASE LISTING(S)	DISTANCE, DIRECTION, GRADIENT	STATUS
Mini Mart 10447 Wilson Blvd Blythewood, SC 29016	LUST	0.10 mi / 528 ft, NNW, Up-gradient	Status: Active Fuel Station Release Reported: 1/10/1992 Clean-up Initiated: 4/22/1999 Water supply wells < 1,000 feet down-gradient
Sharpe Shoppe IV 10400 Wilson Blvd Blythewood, SC 29016	LUST	0.13 mi / 712 ft, SSW, Down-gradient	Status: Active Fuel Station Release Reported: 1/27/2009 Clean-up Initiated: 1/29/2009 Clean-up Complete: 1/29/2009 No Further Action Issued: 1/29/2009
Pitt Stop 3 10328 Wilson Blvd Blythewood, SC 29016	LUST	0.32 mi / 1,672 ft, SSW, Down-gradient	Status: Active Fuel Station Release Reported: 6/25/2009, 9/9/2010, 9/22/2021 Clean-up Initiated: 6/25/2009, 12/2/2010 No Further Action Issued: 9/30/2021
Bordon Decorative Products 1 Jenkins Brothers Rd Blythewood, SC 29016	LST	0.17 mi / 871 ft, SSW, Down-gradient	Status: Closed Original Source: LAST Database ID#: 662 No Further Action Issued: 08/29/1997
Linde Gas (Formerly Holox) 10800 Farrow Rd Blythewood, SC	LST	0.39 mi / 2,047 ft, ESE, Cross-gradient	Status: Not reported (see Holox site in Unplottable Sites section below) Original Source: LAST Database

FACILITY / ADDRESS	DATABASE LISTING(S)	DISTANCE, DIRECTION, GRADIENT	STATUS
			ID#: 419 NFA Date: Not reported
Affiliated Computer Services 10309 Wilson Blvd Blythewood, SC 29016	LUST	0.48 mi / 2,554 ft, SW, Down-gradient	Status: Inactive / USTs Abandoned ID#: R-19236 No Further Action Issued:09/29/2008

Based on their active fuel station status and proximity to the Subject Property, AEI submitted Freedom of Information (FOI) requests (FOI request numbers 867827, 867828 and 867829) to DHEC for files for the Mini Mart, Sharp Shoppe IV, and Pitt Stop 3 LUST sites.

The Mini Mart property has been undergoing remediation activities that include aggressive fluid vapor recovery (AFGVR) events and direct injection of pulverized activated carbon (PAC) based product to aid in the removal of free phase petroleum product and elevated chemicals of concern (COC) as well as quarterly groundwater sampling since 2012 to address groundwater impacted by the Mini Mart property. The groundwater gradient generally flows in an east to southeasterly direction, towards the Subject Property. As of June 2022, forty-one (41) monitoring wells and four (4) water supply wells were sampled as part of the quarterly monitoring and corrective active system evaluation (CASE) reporting to the DHEC. Of the 45 wells, two (MW-38i and DW-9) are situated on the north side of the fence line along the north boundary of the Subject Property. Prior to their destruction in November 2016, three (3) additional monitoring wells for the LUST facility (MW-36i, MW-37i, and MW-39i) abutted the north boundary of the Subject Property. Prior to 2017, petroleum hydrocarbon COCs were detected in all five wells abutting the Subject Property though not always at or above the DHEC site specific target levels (SSTL). Based on the results of the quarterly monitoring events conducted and reported by Midlands Environmental Consultants, Inc. COCs have not been detected at or above laboratory detection limits in MW-38i or DW-9 in 2017, 2018, 2019, 2020, 2021, or 2022. In addition to the site remediation and monitoring reports, several violation and enforcement documents spanning throughout the decade are on file for the facility. The most recent violation notice included in the file reviewed by AEI was for “all tanks out of compliance” dated August 1, 2022. Based on its up-gradient position, the documented groundwater gradient, on-going investigation/monitoring regulatory status, and history of DHEC violations and enforcement, the Mini Mart LUST site at 10447 Wilson Blvd appears to represent evidence of REC at this time.

The release at the Sharp Shoppe IV was reported as being limited to a spill containment bucket of the Super gasoline tank. The impacted soil was analyzed and not found to contain petroleum hydrocarbon chemicals of concern at or above the regulatory screening levels. Therefore, the DHEC issued a “No Further Action” letter for the LUST. Based on information presented in the DHEC file documentation, its down-gradient position and current regulatory status, the Sharp Shoppe IV LUST site does not appear to present a REC in connection with the Subject Property at this time.

The releases at the Pitt Stop 3 site impacted groundwater. Groundwater remediation and monitoring activities were conducted under the supervision of the DHEC. Once the remediation and monitoring activities were completed to the satisfaction of the DHEC, the DHEC issued a “No Further Action” letter for the LUST. The groundwater gradient at the Pitt Stop 3 site reportedly flows in a southwest direction, away from the Subject Property. Based on information presented in the DHEC file documentation, its down-gradient position, distance from the Subject Property, and current regulatory status, the Pitt Stop 3 LUST site does not appear to present a REC in connection with the Subject Property at this time.

Based on their distance from the Subject Property, their topographic position, the anticipated groundwater gradient, and/or their current regulatory status, the remaining sites listed in the table above do not appear to present a REC in connection with the Subject Property at this time.

Air Permit Sites: A list of facilities that have applied for New Source Review air permits made available by the DHEC. One (1) Air Permit site was identified within a ¼-mile radius of the Subject Property.

SITE NAME	ADDRESS	DIRECTION/ GRADIENT	PERMIT STATUS / VIOLATIONS	DISTANCE:
Owens Corning Non-Woven- Blythewood LLC	1051 Jenkins Brothers Rd Blythewood, SC	SE Cross-gradient	Permit Issued: 11/14/2013 Permit Effective: 01/01/2014 Permit Expiration: 12/31/2018 No Violations Reported	0.11 Miles 558 Feet

The facility listed in the table above performs operations that have the potential to emit dangerous amounts of hazardous vapors and/or particulates into the air if specific precautions are not taken to prevent and/or minimize such emissions. The U.S. Environmental Protection Agency (EPA) and DHEC have established regulations, permit requirements, and enforcement protocol for facilities such as the ones listed above to adhere to. As registered Air Permits sites, the facilities listed in the table above are required to comply with EPA and DHEC regulations to obtain and maintain their air permits. They are also subject to agency inspection and enforcement actions. Based on its regulated status and current violation status, the Air Permits listing for the facilities included in the table above do not appear to represent evidence of a recognized environmental condition in connection with the Subject Property at this time. This facility is also identified as a HMIRS, RCRA VSQG, and TSCA site and is discussed in the corresponding sections of this report

Tribal Agency Database Findings

No (0) sites were identified through the tribal environmental records review within the approximate minimum search distance.

Unplottable Sites

Three (3) “unplottable” sites (facilities that were not mapped in the database report due to poor or inadequate address information) were listed in the ERIS Database Report. All three sites are for a single facility, Holox Ltd, with three different database listings in the Unplottable findings of the database report.

Company/Site Name	Listed Location	Database Listing(s)	Brief Summary
Holox Ltd	Hwy 555 Farrow Rd	DELISTED LST LUST UST	Status: Inactive ID#: N-07587 2 Tanks Removed / Abandoned Release Reported: 12/2/1993 No Further Action Issued: 3/27/1995

Based on its current regulatory status, the site listed in the table above does not appear to present a REC in connection with the Subject Property at this time.

4.1.1 Tier 1 Vapor Encroachment Screen

AEI prepared a Tier 1 Vapor Encroachment Screen report for the Subject Property and surrounding areas in compliance with ASTM E 2600-15 “Standard Guide for Vapor

Encroachment Screening on Property Involved in Real Estate Transactions” using the ERIS Xplorer Vapor Screening Tool and Database Report. A Tier 1 Vapor Encroachment Screen is an investigation of all known or suspected contaminated properties within a given radius. The radius varies based on the "Chemical of Concern" at the contaminated site due to chemicals having different migration properties. Vapor Encroachment Screen distances can be up to 1/10 of a mile for petroleum contamination and up to 1/3 of a mile for other volatile compounds. The screening allows for the distances to be reduced for cross gradient and down gradient contaminated sites.

Based on the database report, site observations, and the Vapor Encroachment Screen distances of up to 1/10 of a mile for petroleum contamination and up to 1/3 of a mile for other volatile compounds, at least one (1) site impacted by petroleum products or other hazardous chemical that produce vapors was identified as potential vapor encroachment concern to the Subject Property. The registered Leaking Underground Storage Tank (LUST) identified at 10447 Wilson Blvd (Mini Mart) is within 1/10 of a mile of the Subject Property and presents a potential vapor encroachment concern for the site.

The Subject Property is in a mixed-use urban area improved with residences, a truck parking/storage lot, fuel stations, distribution centers, manufacturing facilities, industrial facilities, and commercial businesses. Petroleum hydrocarbons and volatile organic compounds including benzene, toluene, ethylbenzene, naphthalene, and MTBE have been detected in excess of the applicable DHEC site specific target levels in the groundwater within 1/10 mile of the Subject Property. Mitigation for potential vapor encroachment conditions is a viable option for new construction. New construction provides many opportunities to prevent vapor encroachment conditions (VEC) that are not available for existing buildings. Methods for VEC mitigation in new construction can be passive (such as vapor barriers and natural venting systems) or active (using blowers to depressurize the sub-slab area). Frequently in new construction, elements of both passive and active methods are combined (e.g., a vapor barrier may be installed along with active sub-slab depressurization systems) or a passive ventilation system may be designed to allow for conversion to an active system (e.g., by adding blowers) at a later time if the passive system fails to prevent VEC.

4.2 Additional Environmental Record Sources

4.2.1 County Recorder/ Assessor

AEI reviewed the Richland County Clerk Property Records. No environmental liens were identified in the County Records database. According to the Richland County Assessor of Property and Tax Administration websites, the Subject Property is currently owned by Barry L. Storey who has owned the Subject Property since acquiring it from Food Lion Plaza Partners, on September 14, 2006.

4.2.2 Municipal Records

The Subject Property is outside the Town of Blythewood limits; therefore, municipal records are maintained by Richland County. AEI submitted a Freedom of Information Act Request (FOIA) to the Richland County FOIA Office on July 19, 2022, information regarding building permits, tank permits, certificates of occupancy, code enforcement, citizen complaints and/or investigations on the use, handling, release, or discharge of solid or liquid wastes, underground storage tanks, above ground storage tanks, hazardous materials, or other circumstances of environmental concern recorded at the Subject

Property location. In addition to on-site permit records and circumstances of environmental concern recorded at the Subject Property location, AEI requested any tank permit applications and/or records for potential future storage tank use or installation as well as existing and former aboveground storage tanks and underground storage tanks within the immediate vicinity or a 1-mile radius of the Subject Property address.

The Richland County Ombudsman responded to AEI's FOIA request on July 31, 2022 stating, *"Your request for information pursuant to the Freedom of Information Act, S.C. Code 30-4-10 Ct. seq., concerning the above-referenced matter, was received in the Ombudsman's Office 7/19/2022 and forwarded to all departments for review. All departments indicated that there are no responsive documents regarding this matter available."*

A copy of the correspondence is provided in Appendix G.

4.3 Physical Setting Sources

4.3.1 Topography

According to the 2020 USGS Blythewood, South Carolina 7.5-minute topographic map, the elevation of the Subject Property is at 450 feet above mean sea level (MSL). No structures or wells are depicted on the Subject Property on the 2020 USGS Blythewood, SC topographic map. The Subject Property is nearly flat to very gently sloping to the south-southwest in the general direction of the Robertson Branch of Beasley Creek, which is located approximately 4,950 feet southwest of the Subject Property. State Highway 21 (Wilson Blvd) binds the Subject Property to the west. Norfolk-Southern Railroad and Highway 555 (Farrow Rd) are depicted west-northwest of the Subject Property. Jenkins Brothers Road is depicted south of the Subject Property and an unnamed improved roadway (Scott Ridge Ln) is depicted north of the Subject Property.

4.3.2 Soils/Geology

According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey for Richland County, South Carolina, the Subject Property is located on Fuquay sand, Blanton sand, and Lakeland sand. The climate is humid subtropical.

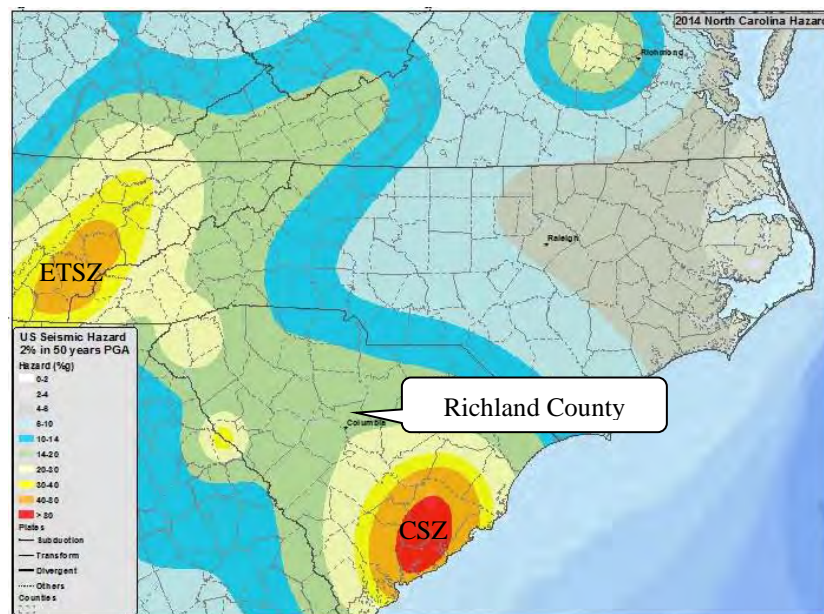
Fuquay Sand: The Fuquay series consists of very deep, well drained, moderate to slow permeability sandy soils on uplands, flats, and stream terraces in the Southern Coastal Plain.

Blanton Sand: The Blanton series consists of very deep, excessively drained to moderately well drained, moderately to slowly permeable sandy soils on uplands and stream terraces in the Coastal Plain

Lakeland Sand: The Lakeland series consists of very deep, excessively drained, rapid to very rapidly permeable sandy soils on uplands. Runoff is slow. Lakeland soils are on braid to narrow uplands in the Southern Coastal Plain. They formed in delta-dominated fluvial and restricted marine conditions.

According to the *Geologic Map of South Carolina*, the Subject Property is located on the Upper Cretaceous Formation (uc) of the South Carolina Coastal Plain. The Upper Cretaceous consists of mostly micaceous, kaolinitic sands, with lenses of clay of variable thickness. The sands are mostly coarse sand to granule size, angular to subangular and poorly sorted, but some fine-grained, fairly well-sorted sand does occur. These sediments represent fluvial or upper delta-plain environments.

SEISMIC POTENTIAL: The southeastern United States contains at least two seismic zones of elevated hazard: the Charleston Seismic Zone and the Eastern Tennessee Seismic Zone. The Charleston Seismic Zone (CSZ), sometimes called the Middleton Place–Summerville Seismic Zone, is the source of the largest historically documented earthquake in the US after the New Madrid sequence of 1811–1812: the M 7+ earthquake near Charleston in 1886. The East Tennessee Seismic Zone (ETSZ) is the second most active zone in the U.S. and covers a 100- by 300-mile swath across northeastern Alabama, northwestern Georgia, eastern Tennessee, western South Carolina, southeastern Kentucky, and southwestern Virginia. The Subject Property is located east of the active seismic area of the ETSZ and northwest of the active seismic area of the CSZ. According to the 2014 USGS Seismic Hazard Map, shown below, the seismic hazard for the Subject Property area is 14-20 %g. Meaning the earthquake shaking levels that have a certain probability of occurring, (depending on the magnitudes and locations of likely earthquakes, how often they occur and the properties of the rocks and sediments that earthquake waves travel through), within the Subject Property area has a potential for weak to moderate shaking (earthquake peak ground acceleration that has a 2% chance of being exceeded in 50 years has a value of between 14 and 20 % gravity).



4.3.3 Hydrology

The occurrence of groundwater in Richland County is controlled primarily by climate; the movement of groundwater is controlled primarily by geology. Climate, particularly the amount, frequency, and distribution of precipitation, determines the amount of water available for recharging of the aquifer. Geology, particularly the physical characteristics, including

composition of the rocks in the area, determines the amount of water that can be stored in the rocks and movement through the pores and cracks within.

The principal source of groundwater in Richland County occurs primarily from precipitation on the outcrop areas of the water-bearing rocks or on the hydrologically connected rock units. A large part of the precipitation is either run off, is consumed by evapotranspiration, or is stored in the soil until evaporated or transpired. A small portion of the water migrates downward by gravity to the water table to become a part of the groundwater in storage.

Groundwater generally occurs under either water-table or artesian conditions. Artesian conditions exist down-dip from the outcrop or recharge areas where the aquifer is overlain by less permeable material and the water becomes confined. Groundwater moves under the influence of decreasing head or pressure from areas of recharge to areas of discharge. The general direction of the movement of the fresh water is down gradient toward the coast, and toward areas in the major river systems where the aquifers are connected vertically. Under water-table conditions, the water is unconfined and when tapped by wells, the water does not rise in the wells above the zone of saturation.

Most of the groundwater in South Carolina occurs in the Coastal Plain Aquifers. Water levels can range from 11 to 205 feet below ground surface (bgs). Water is stored in sand and limestone aquifers that are hydraulically separated by clay and marl confining units. The hydrogeology of the Coastal Plain sediments of Richland County; however, is complicated by the fact that there are few, if any, laterally continuous clay beds that are sufficiently extensive to be classified as effective confining units.

According to the ERIS Physical Setting Report for the Subject Property, twelve (12) water wells were identified in six (6) locations within a one-mile radius of the Subject Property. The reported well depths range from 35-375 feet bgs. No (0) groundwater wells were identified on the Subject Property.

4.3.4 Oil and Gas Exploration

According to the U.S. Energy Information Administration, South Carolina has no crude oil reserves or production and no economically recoverable natural gas reserves or production. AEI reviewed the Oil and Gas Wells in the United States ArcGIS map. No oil or gas wells were identified on or within a five-mile radius of the Subject Property.

4.3.5 Historic Preservation

AEI reviewed the U.S. Department of Interior National Register of Historic Places and South Carolina Department of Archives and History maps to determine if the Subject Property or adjoining properties are listed as historical sites. No (0) National Register of Historic Places mapped historical sites were identified within 1.0-mile radius of the Subject Property.

AEI also reviewed the South Carolina ArchSite (SC ArchSite) to help determine if a cultural resources survey has been performed and/or if any cultural resources and/or historic properties are recorded within the Subject Property area. The SC ArchSite is a online Geographic Information System (GIS) that combines archaeological site file information maintained by the SC Institute of Archaeology and Anthropology (SCIAA) and above-ground historic and architectural properties information maintained by the SC

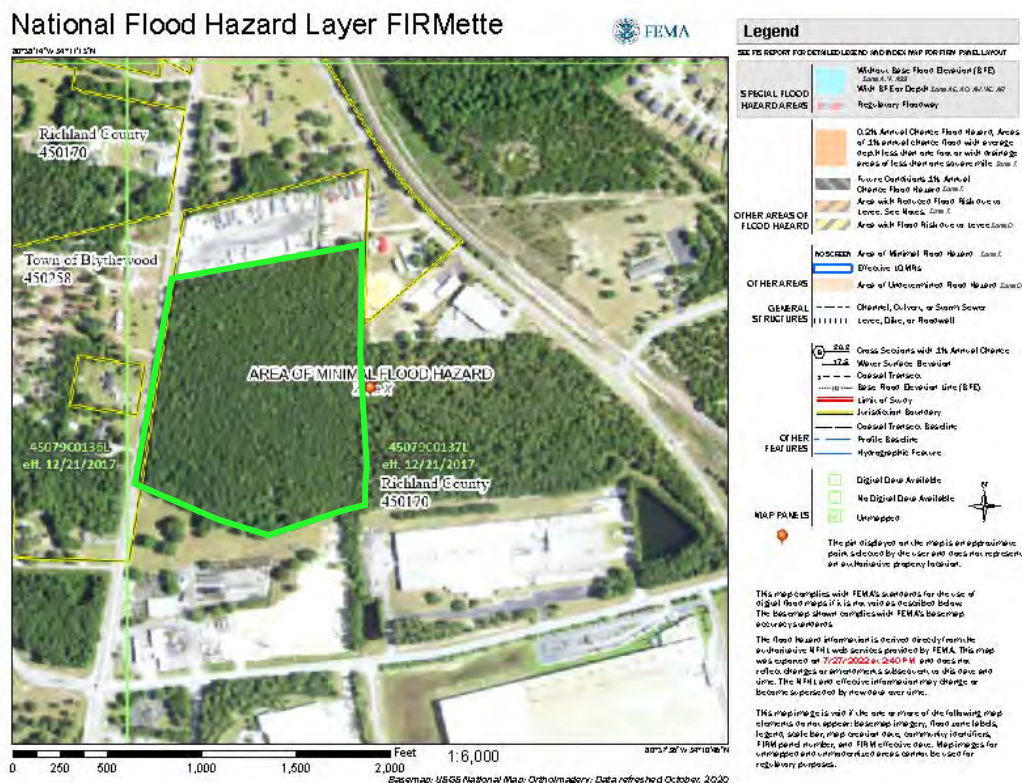
Department of Archives and History (SCDAH). No cultural resources surveys or historic properties were identified recorded on or within the immediate vicinity of the Subject Property on the SC ArchSite.

4.3.6 Flood Zone and Floodplain Management

According to the Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FIRM), Richland County Unincorporated Areas, South Carolina, Map Number 45079C0137L, effective December 21, 2017, the Subject Property is depicted as Zone X (unshaded). Zone X (unshaded) has been determined to include areas of minimal flood hazard and outside the 1% and 0.2% annual chance floodplains.

Warning: The previous Flood Statement does not imply that the Subject Property or the improvements thereon will be free from flooding or flood damage. On rare occasions, greater floods can and will occur, and flood heights may be increased by man-made or natural causes.

A copy of the FEMA National Flood Hazard Layer FIRMette for the Subject Property with the Subject Property boundaries outlined is provided below.

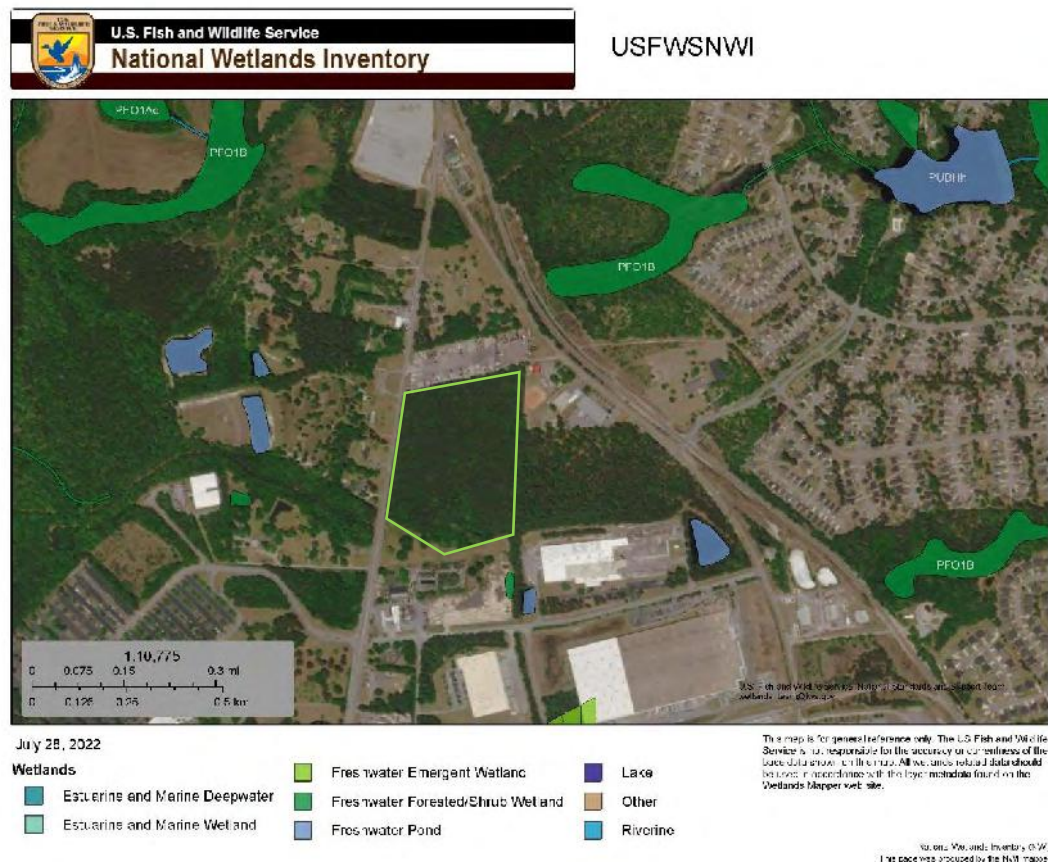


4.3.7 Wetlands Protection

Wetlands determinations consider soil type (hydric), vegetation type (hydrophytic) and hydrology, and are administered under both Section 404 of the Clean Water Act (CWA) and the Wetland Conservation provisions of the Food Security Act (FSA). The EPA has delegated authority for wetlands determinations under the CWA to the U.S. Army Corps of Engineers (USACE), while the U.S. Department of Agriculture (USDA) has delegated its authority under the FSA to the Soil Conservation Service (SCS). An interagency

memorandum of agreement (59 FR 2920, Jan. 19, 1994) between these agencies as well as the Department of Interior, Fish and Wildlife Service (FWS), who are responsible for developing and maintaining the National Wetland inventory maps, established interagency responsibilities and relationships. Under the memorandum of agreement, the SCS received the authority to delineate wetlands for agricultural lands, and lands owned or operated by the USDA, in consultation with the FWS. The SCS provides county soil maps that delimit hydric soils and assist in making the wetland determination. The FWS National Wetland Inventory maps presently cover 75% of the United States (excluding Alaska). Where available, these data overlay the USGS 7.5-minute quadrangle topographic maps.

Pursuant to Section 404 of the Clean Water Act, the U.S. Army Corps of Engineers Wetlands Delineation Manual (Technical Report Y-87-1) "Wetlands" are defined as an area (including a swamp, marsh, bog, prairie pothole, or similar area) having a predominance of hydric soils that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support and that under normal circumstances supports the growth and regeneration of hydrophytic vegetation. Section 404 prohibits the discharge of dredged or fill materials into the waters of the United States unless previously authorized by a Department of the Army permit. The Corps Wetland Delineation manual requires those three criteria: wetland vegetation, wetland or hydric soils and wetland hydrology, be met for an area to be declared a jurisdictional wetland.



Based upon site observations, information depicted on the National Wetlands Inventory Map (NWI) obtained by AEI from the United States Fish and Wildlife Service (USFWS) online dated July 28, 2022 and "Blythewood, South Carolina" Quadrangle USGS topographic maps,

the Subject Property does not appear to contain potential jurisdictional wetlands including waters of the U.S. as defined and regulated by federal authority under 33 CFR Parts 320-330.

The proposed Subject Property does not appear to impact any present, proposed, or potential unit of the national Wild and Scenic Rivers Systems. The Subject Property does not appear to utilize or substantially impair the purpose of any publicly owned land from a public park, recreational area, wildlife and waterfowl refuge lands or historical sites of national, state, or local significance as determined by the federal, state, or local officials having jurisdiction thereof.

4.3.8 Endangered Species

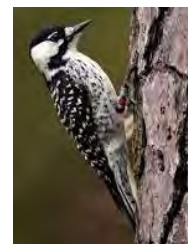
As part of this assessment AEI submitted a request for an “official species list” for the proposed multifamily development project on the Subject Property from the USFWS. According to information included in the Official Species List and a USFWS Information Planning and Conservation (IPaC) online Regulatory Review for Subject Property, there are no critical habitats, refuge lands or fish hatcheries within the Subject Property area.

According to the Official Species List, the following Threatened and Endangered Species may occur in the regional area of the Subject Property:

Birds

NAME	STATUS
Red-cockaded Woodpecker <i>Picoides borealis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7614	Endangered

Red-cockaded woodpecker (*Picoides borealis*): Suitable nesting habitat for the red-cockaded woodpecker include pine stands, or pine-dominated pine/hardwood stands, with a low or sparse understory and ample old-growth pines. Trees must be more than 60 years old to be suitable for cavity construction. Longleaf pine is preferred where available, but they frequently use other species such as loblolly, shortleaf, slash and pond pine. There are stands of pine trees on the Subject Property; however, they appeared to be young pines. Based on site observations and a review of historical aerial photographs of the Subject Property, the Subject Property does not have the required ample old-growth trees for suitable red-cockaded woodpecker nesting habitat. No red-cockaded woodpeckers were encountered during AEI’s Subject Property reconnaissance on July 23,2022.



NAME	STATUS
Wood Stork <i>Mycteria americana</i> Population: AL, FL, GA, MS, NC, SC No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8477	Threatened

Wood Stork (*Mycteria americana*): Suitable nesting habitat for the wood stork include everglade and wetland habitats with alternating flooding and dryer seasons. Increased densities of small fish and aquatic invertebrates are required for the natural diet of the wood stork, which are primarily found in shallow wetland/marsh environments. Nesting locations include wooded vegetation, primarily willow, cypress, and mangrove trees. Based on site observations and a review of historical aerial photographs of the Subject Property, the Subject Property does not have the required wetland habitat for suitable wood stork nesting. No wood storks were encountered during AEI's Subject Property reconnaissance on July 23, 2022.



Flowering Plants

NAME	STATUS
Smooth Coneflower <i>Echinacea laevigata</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/3473	Endangered

Smooth coneflower (*Echinacea laevigata*): Smooth coneflower is typically found in open woods, glades, cedar barrens, roadsides, clear-cuts, dry limestone bluffs, and power line rights-of-way, usually on magnesium and calcium rich soils associated with amphibolite, dolomite or limestone (in Virginia), gabbro (in North Carolina and Virginia), diabase (in North Carolina and South Carolina), and marble (in South Carolina and Georgia). Smooth coneflower occurs in plant communities that have been described as xeric hardpan forests, diabase glades or dolomite woodlands. Optimal sites are characterized by abundant sunlight and little competition in the herbaceous layer. Natural fires, as well as large herbivores, historically influenced the vegetation in this species' range. Many of the herbs associated with Smooth coneflower are also sun-loving species that depend on periodic disturbances to reduce the shade and competition of woody plants. Flowering occurs from late May through mid-July and fruits develop from late June to September. No Smooth coneflower plants were encountered during AEI's Subject Property reconnaissance on July 23, 2022.



NAME	STATUS
Canby's Dropwort <i>Oxypolis canbyi</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7738	Endangered

Canby's Dropwort (*Oxypolis canbyi*): Canby's dropwort is typically found in coastal plains and around wetlands or ponds with minimal canopy cover, usually on water saturated and loam characterized soil with acidic properties. Canby's dropwort occurs in plant communities described as cypress or pine ponds and wet pine savannahs. Optimal sites are characterized by abundant sunlight and little competition in the herbaceous layer. Drought, as well as large herbivores, historically influenced the vegetation in this species' range. Many of the herbs associated with Canby's dropwort are



also wetland species that depend on periodic disturbances to reduce the shade and competition of woody plants. Flowering occurs from May through early August. No Canby's dropwort were encountered during AEI's Subject Property reconnaissance on July 23, 2022.

NAME	STATUS
Rough-leaved Loosestrife <i>Lysimachia asperulaefolia</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2747	Endangered

Rough-leaved Loosestrife (*Lysimachia asperulaefolia*): Rough-leaved Loosestrife is typically found in the sandhills of South Carolina, with one population of the species located in Richland County. This species occurs in the ecotone between pine savannas and wetter shrublands with moist, sandy soils and minimal cover from competing vegetation. The optimal soil conditions are associated with limestone (in Virginia) and organic decayed material. Optimal sites are characterized by abundant sunlight and little competition in the herbaceous layer. Natural fires historically influenced the vegetation in this species' range. Many of the herbs associated with Rough-leaved loosestrife are also sun-loving species that depend on periodic disturbances to reduce the shade and competition of woody plants. Flowering occurs from late May to early June and fruits develop in August. No Rough-leaved loosestrife plants were encountered during AEI's Subject Property reconnaissance on July 23, 2022.



4.3.9 Commonly Found or Observed Additional Hazards and Nuisances

No known natural hazards will likely affect the Subject Property. Natural hazards include faults/fractures, cliffs, bluffs, crevices, slope failure from rains, unprotected water bodies, fire hazard materials, wind/sandstorm concerns, poisonous plants/insects/animals, or hazardous terrain features.

Based on site observations, aerial photographs and area maps, the Subject Property does not appear to currently be located within the fall distance of any cell towers, high voltage power transmission towers, or any other tower.

AEI reviewed the National Pipeline Mapping System (NPMS) public viewer for the Subject Property area. No (0) high pressure buried pipelines or hazardous liquid transmission pipelines were identified within a 1.0-mile radius of the Subject Property.

No other built hazards including metal electrical towers, dangerous intersections, inadequate street lighting, children's play areas located next to a busy street, railroad crossings, hazardous or chemical storage, high-pressure gas or liquid petroleum transmission lines, oil or gas wells, or industrial operations were observed on or adjacent to the Subject Property.

No additional commonly found additional hazards or nuisances were observed or identified.

4.3.10 Noise

Consideration of noise for HUD insured loans applies to the acquisition of undeveloped land as well as existing development. HUD's noise standards may be found in 24 CFR Part 51, Subpart B. For proposed new construction in high noise areas, the project must incorporate noise mitigation features. All sites whose environmental or community noise exposure exceeds the day night average sound level (DNL) of 65 decibels (dB) are considered noise-impacted areas. For new construction that is proposed in high noise areas, grantees shall incorporate noise attenuation features to the extent required by HUD environmental criteria and standards contained in Subpart B (Noise Abatement and Control) of 24 CFR Part 51. The interior standard is 45dB.

The "Normally Unacceptable" noise zone includes community noise levels from above 65 decibels to 75 decibels. Approvals in this noise zone require a minimum of 5 dB additional sound attenuation for buildings having noise-sensitive uses if the day-night average sound level is greater than 65 dB but does not exceed 70 dB, or a minimum of 10 decibels of additional sound attenuation if the day-night average sound level is greater than 70 dB but does not exceed 75 dB. Locations with day-night average noise levels above 75 dB have "Unacceptable" noise exposure. For new construction, noise attenuation measures in these locations require the approval of the Assistant Secretary for Community Planning and Development (for projects reviewed under Part 50) or the Responsible Entity's Certifying Officer (for projects reviewed under Part 58). The acceptance of such locations normally requires an environmental impact statement.

AEI performed a noise evaluation for the proposed multifamily development project on the Subject Property using the HUD Noise Guidebook, HUD Exchange online DNL (Day/Night Noise Level) Calculator, and online transportation data. No civil airports are located within 5 miles of the Subject Property and no military airports are located within 15 miles of the Subject Property. Therefore, airport noise is considered as non-applicable or DNL <65 in decibels (dB).

The Subject Property is located within 3,000 feet of a railroad. Norfolk-Southern Railroad is located 326 feet southeast of the Subject Property. The distance to the railroad from the proposed building footprints were determined using the Google Earth Pro measurement tool. Railroad identification and operations information was obtained from South Carolina Department of Transportation (SCDOT) and U.S. Department of Transportation (USDOT) Federal Railroad Association (FRA) Office of Safety Analysis. Using the HUD Exchange DNL Calculator Tool, the value for railroad noise was determined to be a DNL of 63 dB, which is acceptable by HUD (≤ 65 dB).

The Property is within 1,000 feet of Wilson Boulevard and Farrow Road, which are considered major roadways. AEI obtained annual traffic counts for Wilson Boulevard and Farrow Road from the South Carolina Department of Transportation (SCDOT). Distances to the roadways from the proposed building footprints were determined using a client provided concept Site Plan and the Google Earth Pro satellite imagery and measurement tool. The noise value was calculated based on a 10-year projection. The projected value for traffic noise, was determined to be 63, which is considered acceptable by HUD (DNL <65 dB).

The combined DNL value for the noise sources (airports, railroads, and major roadways) was calculated to be 66 dB, which is considered "normally unacceptable" by HUD (DNL

≥65 and <75 dB). The new construction should incorporate building materials that effectively mitigate any adverse noise levels that could impede a person's use of a residential or commercial structure.

Note: The noise evaluation completed by AEI is a preliminary screening for HUD review; completed with client provided site plan(s), when available, and online transportation data readily accessible through search engines utilized by the environmental professional conducting the evaluation.

4.3.11 Explosive/Flammable Hazards

Based on the site reconnaissance and a regulatory agency database review, no industrial facilities handling explosive or fire-prone materials such as liquid propane, gasoline, or other above ground storage tanks are currently on, immediately adjacent to or visible from the Subject Property.

No (0) aboveground storage tank (AST) sites were identified within 1.0-mile of the Subject Property in the ERIS Database Report. AEI requested any tank permit applications and/or records for potential future storage tank use or installation as well as existing and former aboveground storage tanks and underground storage tanks within the immediate vicinity or a 1-mile radius of the Subject Property addresses from the Town of Blythewood and Richardson County Open Records Request Offices and Public Safety Offices no such records were provided in response to AEI's open records requests.

AEI reviewed the National Pipeline Mapping System (NPMS) public viewer for the Subject Property area. No high pressure buried gas or hazardous liquid transmission pipelines were identified within a 1.0-mile radius of the Subject Property.

4.3.12 Coastal Barrier Resources

According to the USFWS John H. Chafee Coastal Barrier Resources System Habitat and Resource Conservation database, the Subject Property is not located within an area designated as a coastal barrier area.

4.3.13 Coastal Zone Management

According to the U.S. Department of Commerce National Oceanic and Atmospheric Administration (NOAA) Ocean and Coastal Resource Management, the Subject Property is not located within a coastal area.

4.3.14 Sole Source Aquifers

According to the United States Environmental Protection Agency (EPA) Region 4 Sole Source Aquifers map found on the EPA website, the Subject Property area is not located in an area served by a Sole Source Aquifer.

4.3.15 Airport Clear Zones

Based on observations made during the site reconnaissance and review of aerial photographs and maps, the Subject Property is not within 15,000 feet of a military airport or 2,500 feet of a civilian airport making it outside the HUD defined Accident Potential

Zone (APZ) or Runway Protection Zone/Clear Zone (RPZ/CZ). Therefore, the Subject Property does not appear to be located within an airport clear zone.

4.3.16 Prime Farmland

Farmland includes prime farmland, unique farmland, and land of statewide or local importance. Farmland subject to the Farmland Protection Policy Act (FPPA) requirements does not have to be currently used for cropland. It can be forest land, pastureland, cropland, or other land, but not water or urban built-up land. The FPPA is intended to minimize the impact Federal programs have on the unnecessary and irreversible conversion of farmland to nonagricultural uses. It assures that-to the extent possible-Federal programs are administered to be compatible with state, local units of government, and private programs and policies to protect farmland. Federal agencies are required to develop and review their policies and procedures to implement the FPPA every two years. The FPPA does not authorize the Federal Government to regulate the use of private or nonfederal land or, in any way, affect the property rights of owners. Projects are exempt from the FPPA when no additional right-of-way (ROW) is required or requires ROW that is developed, urbanized, or zoned for urban use.

The Subject Property is not presently being farmed, is located within an area committed to urban development and is mapped as urban land on the 2010 U.S. Census Urbanized Areas Reference Map for Columbia, South Carolina; therefore, the Subject Property qualifies as an exemption from the Farmland Protection Policy Act (FPPA Manual Part 523.10(B)(ii)).

4.3.17 Other Federal or State Laws

Air Quality / State Implementation Plan

The Clean Air Act is administered by the U.S. Environmental Protection Agency (EPA), which sets national standards on ambient pollutants. In addition, the Clean Air Act is administered by States, which must develop State Implementation Plans (SIPs) to regulate their state air quality. Projects funded by HUD must demonstrate that they conform to the appropriate SIP. The EPA sets National Ambient Air Quality Standards (NAAQS) for six principal criteria pollutants: ground-level ozone, lead, carbon monoxide, nitrogen dioxide, sulfur dioxide, and particulate matter. For ozone, the federal Clean Air Act establishes nonattainment-area classifications ranked according to the severity of the area's air-pollution problem. These classifications (marginal, moderate, serious, severe, and extreme) translate to varying requirements with which South Carolina and nonattainment areas must comply.

Richland County is currently classified by the U.S. EPA as an "Attainment" area for the ozone National Ambient Air Quality Standard. An attainment area meets the national primary or secondary ambient air quality standard. The two primary precursors to ozone formation are volatile organic compounds (VOCs) and nitrogen oxides (NOx). A general conformity analysis may be required when a project results in an emissions increase of 100 tons per year or greater for either VOCs or NOx. Because the emissions from the proposed multifamily development project development are expected to be below these thresholds, it is not anticipated to impact the state implementation plan.

4.3.18 Social Vulnerability Index

The degree to which a community exhibits certain social conditions, including high poverty, low percentage of vehicle access, or crowded households, may affect that community's ability to prevent human suffering and financial loss in the event of disaster. These factors describe a community's social vulnerability. The Center for Disease Control and Prevention (CDC) Social Vulnerability Index (SVI) provides specific socially and spatially relevant information of every U.S. Census tract to help public health officials and local planners better prepare communities to respond to emergency events such as severe weather, floods, disease outbreaks, or chemical exposure.

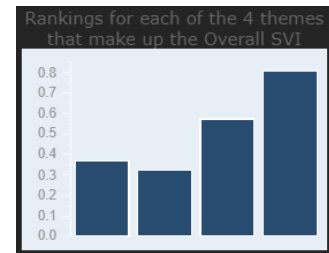
According to the Agency for Toxic Substances and Disease Registry (ATSDR) CDC SVI Interactive Map, the year 2018 overall SVI score for the Subject Property area is 0.5403, which indicates a moderate to high level of vulnerability. Rankings for each of the four themes that make up the overall SVI of 0.5403 are as follows:

Theme 1 Socioeconomic: 0.3695

Theme 2 Household Composition & Disability: 0.3233

Theme 3 Minority Status & Language: 0.5743

Theme 4 Housing Type & Transportation: 0.8085



4.3.19 Climate

According to the National Oceanic Atmospheric Administration (NOAA), Blythewood, South Carolina the average high temperature for Blythewood is 91 degrees Fahrenheit in July and the average low is 26 degrees Fahrenheit in January. Blythewood, South Carolina gets 45 inches of rain, on average, per year. The US average is 38 inches of rain per year. Blythewood averages 1 inches of snow per year. The US average is 28 inches of snow per year.

According to the 2018 National Climate Assessment completed by U.S Global Change Research Program and information obtained from the National Environmental Modeling and Analysis Center (NEMAC) Climate Explorer interactive website, the Subject Property located within a census tract where vulnerabilities to climate change exceed the county median and top regional hazards for Blythewood, South Carolina include the following:

- Extreme temperatures - Historically, extreme temperatures in Blythewood averaged 98°F.
- An average of 1 or more dry spell (a period of consecutive days without precipitation) is projected per year - Historically, Blythewood averaged 12 dry spells per year.
- Changed seasonal patterns may affect public health and may lead to economic impacts through disruptions in agriculture and manufacturing.

The statements listed above compare projections for the middle third of this century (2035-2064) with average conditions observed from 1961-1990.

4.4 Historical Use Information

The Subject Property has historically been undeveloped land since at least 1938.

4.4.1 Aerial Photographs

AEI obtained and reviewed readily available aerial photographs of the Subject Property and surrounding areas spanning from 1938 through 2019. A copy of the ERIS Historical Aerials report is included in Appendix F. Details of the reviewed information are provided in this section.

On-Site Interpretation:

The Subject Property has historically been undeveloped since at least 1938. It appears to be mostly grass-covered land with scattered trees in the 1938-1961 aerial photographs and densely forested in the 1971-2019 aerial photographs.

Adjoining Properties Interpretation:

The immediately adjoining properties appear to have been undeveloped land since at least 1938, except for a rural homestead on the south adjoining property (10418 Wilson Blvd), until the 1950s when a single-family residence is constructed in 1950 and a 9-room motel is constructed in 1956 west of the Subject Property at 10433 Wilson Blvd. Two single-family residences were constructed west of the Subject Property in 1960 at 10425 and 10429 Wilson Blvd. In the 1961 aerial photograph, the rural homestead previously located south of the Subject Property has been removed and other single-family residence (constructed in 1956) is visible on the south adjoining property from 1961 to at least 1994.

Initial construction of the present-day Owens Corning facility southeast of the Subject Property at 1051 Jenkins Brothers Road began circa 1980 and expansions appear to have occurred in the 90s and early-2000s. In 1998 the east adjoining Red Zone Elite Sports Fitness office, softball and baseball practice field, and batting cages was constructed at 11051 Farrow Rd and are visible on the 2005-2019 aerial photographs. Reese's Plants is visible on the south adjoining property at 10418 Wilson Blvd in the 2009-2019 aerial photographs. Clearing of the land on the north adjoining property appears to have begun circa 2011 for the present-day Rockfish Truck Parking at 10432 Wilson Blvd; however, truck parking is first visible on the 2015 aerial photograph. The east adjoining Mountain Air Heating and Cooling facility at 11043 Farrow Road is first visible on the 2019 aerial photograph.

An unimproved road is visible north of the Subject Property, Wilson Road binds the Subject Property to the west, and Farrow Road and Norfolk-Southern Railway is visible east in all the aerial photographs (1938-2019). Jenkins Brothers Road is visible south of the Subject Property in the 1951 - 2019 aerial photographs.

4.4.2 Fire Insurance Maps

AEI requested historical Sanborn Fire Insurance maps for the Subject Property from Environmental Risk Information Services (ERIS) and was subsequently informed that no such maps for the Subject Property or immediate vicinity are available. A copy of the EIRS Fire Insurance Map report is included in Appendix F, herein.

4.4.3 Local Street Directories

AEI reviewed a City Directory report provided by ERIS containing historical city directory listings for past names and business in the Subject Property area. Polk's and Digital Business Directories were available for Richland County for the years spanning from 1997 to 2020. Addresses for the following surrounding roadways were included in the City Directory report: Wilson Blvd, Farrow Rd, and Jenkin Brothers Rd. A summary of the city directory listings is provided below. A copy of the ERIS City Directory report is included in Appendix F.

Subject Property Address:

The following business occupants were identified for the Subject Property address:

No occupant listings for the Subject Property address were available in the 1997 – 2020 city directories.

Adjoining Properties:

The following business occupants were identified for the immediately adjoining property addresses:

Year(s)	Address	Direction	Occupant Name	Type of Business
2012	10425 Wilson Blvd	W	Blythewood Art Gallery Framing	Picture frames dealer
2012-2020	10418 Wilson Blvd	S	Reese's Plants	Plants retail, garden center, and florist
2003-2008	11051 Farrow Rd	E	J&B Realty & Construction Co	Construction
2000-2020	1051 Jenkins Bros Rd	SE	Casco Nobel/Impregnated Papers America Inc, Coveright, and Coveright Surfaces	Towels, tissues, napkins, paper, and stock, paper manufactures and manufactures of surfacing materials
2003-2020	1 Jenkins Bros Rd	SE	Casco Nobel America	Non-classified establishment
2020	1051 Jenkins Bros Rd	SE	Arclin, Inc	Plastic products retail, plastics raw materials/powder/resin manufactures

Occupants identified the city directory business listings for other properties in the area during the years spanning from 1997 – 2020 included in the ERIS City Directory Report that may currently or have previously utilized, stored, or generated chemicals of concern include:

Year(s)	Address	Direction	Occupant Name	Type of Business
1997-2008	10447-49 Wilson Blvd	NNW	Spivey's Country Mart, Dan's Auto Service, and JR's Deli & Games	Fuel Station, convenience store, auto repair, and restaurant

Year(s)	Address	Direction	Occupant Name	Type of Business
2016-2020	10447 Wilson Blvd	NNW	Blythewood Stop Shop	Convenience store and fuel station
1997-2020	10328 Wilson Blvd	SSW	Pitt Stop	Fuel Station and convenience store
2000-2020	10334 Wilson Blvd	SSW	Abell's Auto Service and Royson's Blythewood Automotive	Engine repair, used tire dealer, auto repair
2000-2020	10400 Wilson Blvd	SSW	Sharpe Shop 4	Fuel Station and convenience store
1997	1 Jenkins Bros Rd	ESE	Bordon Decorative Products	Not reported
2000-2003	10800 Farrow Rd	ESE	Holox	Carbon dioxide
2020	10800 Farrow Rd	ESE	Linde, LLC	Oxygen (wholesale), industrial & medical gas cylinder & bulk manufacturer

Adjoining and/or topographically up-gradient sites identified in city street directories at the addresses in the above tables with facilities that have been reported to handle, generate, or store hazardous substances or petroleum products are discussed in the previous Section 4.1 of this Phase I ESA.

4.4.5 Historical Topographic Maps

AEI obtained an ERIS Topographic Maps report, which includes historical topographic maps of Subject Property and surrounding areas for the years 1935, 1937, 1953, 1971, 1990, 2014, 2017, and 2020. A summary of AEI's review of the topographic maps is provided in this section.

There are no structures or other improvements and no water conveyances depicted on the Subject Property on any of the topographic maps. Nearly all the Subject Property is depicted as woods (shaded green) on the 1971, 1990, 2014, 2017, and 2020 topographic maps. Properties surrounding the Subject Property are depicted as being improved with highways, light duty roadways, unimproved roadways, small structures, and Norfolk-Southern Railway.

A copy of the ERIS Topographic Maps report is included in Appendix F.

4.4.4 Additional Historical Record Sources

Property Tax Files: AEI was not provided with copies of Subject Property specific tax files as part of this assessment; however, tax files readily available for review through the Richland County Tax Assessor's Office. According to information obtained, tax payments appear to be current.

Recorded Land Title Records: AEI reviewed recorded land title records available online from the Richland County Register of Deeds. No records of environmental concern and no environmental liens or activity and use limitations were identified in the Richland

County Register of Deeds records. AEI obtained 85-year chain of title and environmental lien search report for the Subject Property from Texas Environmental Research. No records of environmental concern and no environmental liens or activity and use limitations recorded against or relating to the Subject Property were identified in the Texas Environmental Research report, which is provided in Appendix E.

Zoning/Land Use Records: AEI accessed the Richland County GIS website for the current zoning for the Subject Property. According to the Richland County Zoning Map, the Subject Property is zoned GC for General Commercial.

4.4.5 Prior Assessment Reports

Report Date	Subject Property	Report Completed By
03/08/2005	22.80 Acres, I-77 & Wilson Blvd, Blythewood, SC	Alternative Construction & Environmental Solutions, Inc.

Alternative Construction & Environmental Solutions, Inc. (ACES) Phase I ESA included the following conclusion: “Although no significant environmental condition was identified, ACES does recommend that the client regularly inspect the Property for any changes in the functionality, staining or debris. Periodic inspections should be performed as the surrounding areas are currently being cleared for development with large amounts of debris on the property line to the south.”

AEI was not provided with any other prior assessment reports for the Subject Property or surrounding properties.

4.5 Historical Use Information on Adjoining Properties

By review of the standard historical sources referenced above, the historical uses of the adjoining properties are summarized below:

- North:** The north adjoining property has historically been undeveloped and densely forested land with an unimproved roadway since at least 1938 until circa 2011 when it was partially cleared and utilized for agricultural purposes and later utilized as a truck parking and storage lot.
- South:** Prior to its current development as a plant nursery, the south adjoining property has historically been a rural residential homestead since at least 1938.
- East:** Prior to their current development, the east adjoining properties have historically been undeveloped land since at least 1938.
- West:** The west adjoining properties have historically been improved with single family residences and a single-story 9-room motel since the early 1950s. Prior to that they consisted of undeveloped land since at least 1938.

5.0 SITE RECONNAISSANCE

5.1 Methodology And Limiting Conditions

The Subject Property was inspected by Ms. Lui Barkkume on July 23, 2022. The weather at the time of the site visit was sunny and clear. No escort was provided. Ms. Barkkume was unable to access portions of the Subject Property due to dense vegetation.

The Subject Property was evaluated for visual and olfactory evidence of potential environmental concerns. A detailed assessment was performed by walking the interior and perimeter of the site to document the occurrence of potential environmental concerns including past or present petroleum storage tanks (PSTs), surface stains, distressed vegetation, solid waste disposal and transformers.

5.2 General Site Setting

The Subject Property is irregular in shape and encompasses approximately 22.8 acres of land. The Subject Property is in a mixed-use development area characterized by single-family residences, sports fields, distribution centers, manufacturing facilities, industrial facilities, and commercial businesses.

Site improvements on the Subject Property at the time of AEI's reconnaissance on July 23, 2022, included fencing along the north and sections of the east boundaries of the Subject Property, and overhead tubular steel transmission powerlines and buried utilities along the west boundary.

5.3 Exterior Observations

5.3.1 Solid Waste Disposal

Solid waste pick-up and disposal is available in Richland County through commercial and residential garbage service companies. No evidence of solid waste was generation or collection was observed on the Subject Property. A minor amount of household debris (softballs, bottles, cans, plastic, paper, etc.) was observed on the Subject Property. The debris appeared to be benign in nature and does not appear to represent evidence of a recognized environmental condition in connection with the Subject Property.

No other evidence of solid waste disposal was observed during the site reconnaissance.

5.3.2 Surface Water Drainage

Surface water evaporates, is absorbed into the soil, or is directed down-gradient via sheet flow as surface run-off.

5.3.3 Wells and Cisterns

No evidence of a groundwater wells was observed on the Subject Property or reported during interviews. No evidence of oil or gas wells was observed on the Subject Property. No evidence of a cistern was observed on the Subject Property during the site reconnaissance.

5.3.4 Wastewater

No indication of industrial wastewater disposal or treatment facilities was observed during the site reconnaissance.

5.3.5 Odors

No noxious, foul, or unusual odors were detected during the reconnaissance.

5.3.6 Pools of Liquid Likely to Contain Hazardous Substances

No pools of liquid likely to contain petroleum products or other hazardous substances were observed during the Subject Property reconnaissance.

5.3.7 Additional Site Observations

No additional site observations were noted.

5.4 Interior Observations

No structures with interior space(s) were observed on the Subject Property.

5.5 Potential Environmental Conditions

5.5.1 Hazardous Materials and Petroleum Products Used or Stored at the Site

No evidence of the use of hazardous materials or wastes was observed on the Subject Property.

5.5.1.1 Unlabeled Containers and Drums

No unlabeled containers or drums were observed on the Subject Property during the Phase I ESA site reconnaissance.

5.5.1.2 Disposal Locations of Regulated/ Hazardous Waste

No obvious indications of current hazardous waste generation, storage or disposal were observed on the Subject Property or were indicated during interviews.

5.5.2 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.

5.5.3 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 U.S. EPA 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

Pole-mounted electrical transformers were observed along the west boundary of the Subject Property. The units were not labeled as to its PCB status; however, they are owned and operated by Duke Energy. In the event of a future spill or release of dielectric fluid or other substances, Duke Energy should meet or exceed all state and federal requirements in the areas of response, notification, clean-up, disposal, and documentation of the event. Any special or unique circumstance regarding future transformers at this location should be brought to the attention of Duke Energy. Based on observations and information reviewed, the transformers do not represent evidence of a recognized environmental condition in connection with the Subject Property.

No other electrical equipment expected to contain PCBs was observed on or immediately adjacent to the Subject Property during AEI’s reconnaissance.

5.5.4 Landfills

No evidence of landfilling was observed on the Subject Property at the time of the Subject Property reconnaissance.

5.5.5 Pits, Ponds, Lagoons, Sumps, and Catch Basins

No evidence of on-site pits, lagoons, sumps or catch basins was observed on site during the Property reconnaissance.

5.5.6 On-Site ASTs and USTs

No evidence of aboveground or underground petroleum storage tanks was observed during the site reconnaissance or reported during interviews.

5.5.7 Radiological Hazards

No radiological substances or equipment was observed or reported stored on the Subject Property.

5.5.8 Drinking Water

There was no on-site drinking water source on the date of the site reconnaissance or reported during interviews.

Potable water in the vicinity of the Subject Property is supplied by privately owned wells and Columbia Water. Columbia Water provides potable water in Richland County, South Carolina. According to the Columbia Water *2021 Water Quality Report*, their drinking water meets current state and Federal drinking water quality standards, including lead and copper.

5.5.9 Septic Systems or Cesspools

No obvious evidence of on-site septic systems or cesspools was visually and/or physically observed during the Subject Property reconnaissance or identified from the interviews or records review.

5.5.10 Additional Hazard Observations

No additional hazards were observed on the site.

5.5.11 Asbestos-Containing Materials (ACM)

An asbestos evaluation was not included within the Scope of Services for this investigation. No structures were observed on the Subject Property at the time of the site reconnaissance; therefore, asbestos containing materials are currently not a concern with the Subject Property.

5.5.12 Lead-Based Paint

A lead-based paint evaluation was not included within the Scope of Services for this investigation. No structures were observed on the Subject Property at the time of the site reconnaissance; therefore, lead-based paint is not a concern with this Subject Property.

5.5.13 Mold Evaluation

A mold evaluation was not included within the Scope of Services for this investigation. No structures were observed on the Subject Property at the time of the site reconnaissance therefore mold is currently not a concern with this Subject Property.

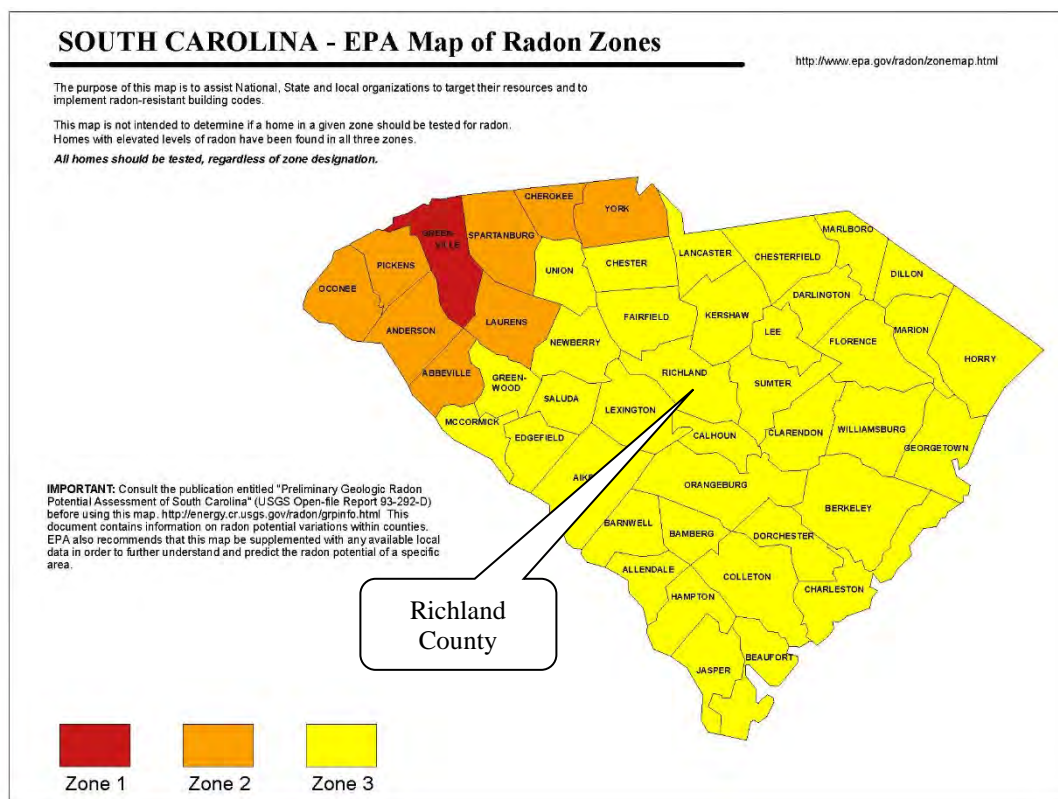
5.5.14 Radon

Radon is a naturally occurring radioactive gas formed by the spontaneous decay of isotopically unstable uranium to stable lead. Uranium is found in all rocks and soils and radon generated in the top 10-20 feet of the ground either decays to a solid in the ground or escapes to the air. In air, the radon is generally diluted to very low concentrations before decaying. However, in buildings and houses radon can accumulate to concentrations considered to represent a health hazard. The U.S. EPA currently recommends remedial action levels above 4 pico-Curies per liter (pCi/L). In general, radon concentrations decrease, as the floor level becomes higher above ground level.

The U.S. 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.

According to available information from the EPA and the ERIS Database report, the Subject Property is located in Zone 3. Zone 3 has a predicted average indoor screening level of less

than 2.0 pCi/L, which falls below the EPA defined threshold of concern of 4 pCi/L. No radon sampling was performed.



6.0 INTERVIEWS

6.1 Interview with Owner

Mr. Barry L. Storey was identified as the property owner. Ms. Laura M. Seigler with BLS Holdings Group, LLC completed an Owner Representative Interview Questionnaire for the Subject Property on behalf of the Subject Property owner and key site manager. On the completed questionnaire, Ms. Seigler indicated that she has been familiar with the Subject Property since 2005 and she does not have any records or recollection of any incidents posing environmental concern having occurred on, or in the immediate vicinity of, the Subject Property.

6.2 Interview with Site Manager

Mr. Jim Trotter was identified as the key site manager for the Subject Property. Ms. Laura M. Seigler with BLS Holdings Group, LLC completed an Owner Representative Interview Questionnaire for the Subject Property on behalf of the Subject Property owner and key site manager. A brief summary of Ms. Seigler's interview is provided above in section 6.1.

6.3 Interview with Occupants

The Subject Property is currently unoccupied land.

6.4 Interview with Local Government Officials

The Subject Property is outside the Town of Blythewood limits; therefore, municipal records are maintained by Richland County. AEI submitted a Freedom of Information Act Request (FOIA) to the Richland County FOIA Office on July 19, 2022, information regarding building permits, tank permits, certificates of occupancy, code enforcement, citizen complaints and/or investigations on the use, handling, release, or discharge of solid or liquid wastes, underground storage tanks, above ground storage tanks, hazardous materials, or other circumstances of environmental concern recorded at the Subject Property location. In addition to on-site permit records and circumstances of environmental concern recorded at the Subject Property location, AEI requested any tank permit applications and/or records for potential future storage tank use or installation as well as existing and former aboveground storage tanks and underground storage tanks within the immediate vicinity or a 1-mile radius of the Subject Property address.

The Richland County Ombudsman responded to AEI's FOIA request on July 31, 2022 stating, *"Your request for information pursuant to the Freedom of Information Act, S.C. Code 30-4-10 Ct. seq., concerning the above-referenced matter, was received in the Ombudsman's Office 7/19/2022 and forwarded to all departments for review. All departments indicated that there are no responsive documents regarding this matter available."*

6.5 Interview with Others

Mr. Michael S. Byron with Pedcor Investments, A Limited Liability Company completed a Pre-Survey Questionnaire and Disclosure Statement on behalf of the User of this report. On the Pre-Survey Questionnaire and Disclosure Statement, Mr. Byron indicated that he is not aware of any obvious indicators that point to the presence or likely presence of releases at the Subject Property.

Interview documentation is provided in Appendix G.

7.0 FINDINGS AND CONCLUSIONS

7.1 Findings

7.1.1 On-Site Recognized Environmental Conditions

No on-site recognized environmental conditions were identified during the course of this assessment.

7.1.2 Off-Site Recognized Environmental Conditions

- *Mini Mart LUST Site:* Based on its up-gradient position, the documented groundwater gradient, on-going investigation/monitoring regulatory status, and history of DHEC violations and enforcement, the Mini Mart LUST site located 528 feet north-northwest of the Subject Property at 10447 Wilson Blvd appears to represent evidence of a REC.

No other off-site recognized environmental conditions were identified that were considered likely to impact the Subject Property.

7.1.3 Historical Recognized Environmental Conditions

No historical recognized environmental conditions were identified in connection with the Subject Property during the course of this assessment.

7.1.4 Controlled Recognized Environmental Conditions

No controlled environmental conditions were identified in connection with the Subject Property during the course of this assessment.

7.1.5 De Minimis Conditions

No *de minimis* conditions were identified in connection with the Subject Property during the course of this assessment.

7.1.6 Potential Vapor Encroachment Concerns

A vapor encroachment condition is the presence or likely presence of chemical of concern vapors in the vadose zone of the target property caused by the release of vapors from contaminated soil and/or groundwater either on or near the target property as identified by Tier 1 or Tier 2 vapor encroachment screen procedures.

- Based on the database report, site observations, and the Vapor Encroachment Screen distances of up to 1/10 of a mile for petroleum contamination and up to 1/3 of a mile for other volatile compounds, at least one (1) site impacted by petroleum products or other hazardous chemical that produce vapors was identified as potential vapor encroachment concern to the Subject Property. The registered Leaking Underground Storage Tank (LUST) identified at 10447 Wilson Blvd (Mini Mart) is within 1/10 of a mile of the Subject Property and presents a potential vapor encroachment concern for the site.

No other sites impacted by petroleum products or other hazardous chemicals that produce vapors were identified as potential concerns to the Subject Property.

7.2 Opinion

In the professional opinion of AEI, an appropriate level of inquiry has been made into the previous ownership and uses of the Subject Property consistent with good commercial and customary practice in an effort to minimize liability, and evidence or indication of a previous release that resulted in petroleum products in groundwater at the Subject Property has been identified and conditions that pose a material threat of a future release to the environment that could result in the presence of petroleum products in groundwater at the Subject Property exists. Further investigation of the Subject Property is not deemed necessary at this time, based on current groundwater sampling data included in the DHEC file (FOI request 867829) reviewed by AEI but may be warranted in the future.

7.3 Conclusions

AEI has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-21 for the property located at 10424 Wilson Blvd, in Richland County, South Carolina. 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 Subject Property except for the following:

- Based on its up-gradient position, the documented groundwater gradient, on-going investigation/monitoring regulatory status, and history of DHEC violations and enforcement, the Mini Mart LUST site located 528 feet north-northwest of the Subject Property at 10447 Wilson Blvd appears to represent evidence of a REC.

7.4 Recommendations

Based on the findings of this ESA, AEI recommends the following:

- Based on current groundwater sampling data included in the DHEC file (FOI request 867829) reviewed by AEI, a subsurface investigation of the Subject Property is not recommended at this time. However, one (1) additional direct injection of pulverized activated carbon (PAC) based product event to aid in the removal of free phase petroleum product and elevated chemicals of concern (COC) as well as a minimum of three (3) additional quarterly groundwater sampling are reportedly scheduled to be conducted at the Mini Mart site prior to demobilization, site restoration, and submittal for DHEC concurrence that no further action (NFA) is required for clean-up. If Pedcor Investments, A Limited Liability Company elects to move forward with the pending financial transaction, AEI recommends additional DHEC file reviews be conducted to follow the status of the Mini Mart contaminant plume, site remediation, and closure status.
- Mitigation for potential groundwater exposure and vapor encroachment conditions on the Subject Property.

7.5 Deviations

This Phase I ESA substantially complies with the scope of services and ASTM 1527-21, as amended, except for exceptions and/or limiting conditions as discussed in Section 1.4.

8.0 REFERENCES

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Midland Environmental Consultants, Corrective Active System Evaluation Report #14, Jalaram/Former JR Deli, Blythewood, South Carolina, SCDHEC SITE ID 10503, Cost Agreement # 46287, MECI Project No. 13-4609, July 19, 2021

Midland Environmental Consultants, Corrective Active System Evaluation Report #15, Jalaram/Former JR Deli, Blythewood, South Carolina, SCDHEC SITE ID 10503, Cost Agreement # 46287, MECI Project No. 13-4609, January 12, 2022

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USGS Topographic Map, Blythewood South Carolina Quadrangle Map, 7.5-Minute Series

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<https://nca2018.globalchange.gov/>

9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

I/We declare that, to the best of my/our professional knowledge and belief, I/we meet the definition of *Environmental professional* as defined in §312.10 of 40 CFR 312” and I/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*. I/We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Arkose Environmental, Inc. will not materially benefit from the development of the Property in any way other than receiving a fee for performing this environmental site assessment, and the fee is in no way contingent upon the outcome of the assessment.



Date: November 3, 2022

Lui Barkkume, PG, CESCO
Environmental Project Manager
Texas Professional Geologist, #1937

Report Certification (HUD MAP Guide 11.2.3):

I understand that my environmental report will be used to document to the U.S. Department of Housing and Urban Development that the MAP Lender’s application for FHA multifamily mortgage insurance was prepared and reviewed in accordance with HUD requirements. This report has been made, presented, and delivered for the purpose of influencing an official action of the FHA, and of the Commissioner, and may be relied upon by the Commissioner as a true statement of the facts contained therein. I certify that my review was in compliance with HUD program and processing requirements applicable on the date of my review and that I have no financial interest or family relationship with the officers, directors, shareholders, members or partners of the Lender or affiliated entities, Borrower or affiliated entities, the General Contractor, any subcontractors, the buyer or seller of the proposed property and that I have not engaged in any business that might present a conflict of interest.

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 administrative sanctions, including fines, penalties, and/or imprisonment under applicable federal law, including but not limited to 12 U.S.C. §§ 1708 and 1735f-14, and 1833a; 18 U.S.C. §§1001, 1006, 1010, 1012, and 1014; and 31 U.S.C. §§3729 and 3802.



Date: November 3, 2022

Lui Barkkume, PG, CESCO
Arkose Environmental, Inc.

10.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Lui Barkkume, P.G., CESCO:

Degree: Bachelor of Science, Geology from Texas A&M University - Commerce, 1998

Texas Professional Geologist, No. 1937

NREP Certified Environmental and Safety Compliance Officer, No. 116912612

OSHA 29 CFR 1910.120 HAZWOPER, Cert. No. 13083

Texas Commission on Environmental Quality LPST Project Manager, No. PM0000299

Texas Department of State Health Services Licensed Lead Risk Assessor, No. 2070514

Texas Department of State Health Services Licensed Individual Asbestos Consultant, No. 105665

Ms. Barkkume has been conducting Phase I and II Environmental Site Assessments of commercial, industrial, single-family residential and multi-family residential properties throughout the United States since 1999.

Resumes for the Environmental Professionals involved in this project are included in Appendix H.

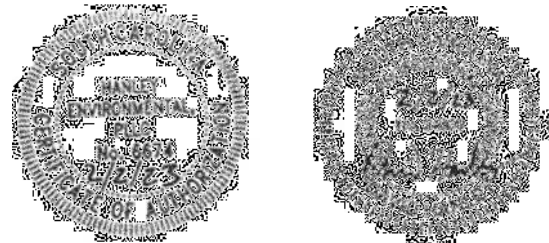
LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

**10424 Wilson Boulevard
Richland County, South Carolina 29016
Project Number: PJ22040**

February 2, 2023

Prepared for:

Pedcor Investments, A Limited Liability Company
770 3rd Avenue SW
Carmel, Indiana 46032



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1.0 INTRODUCTION AND BACKGROUND

Hanley Environmental, PLLC was contracted by Pedcor Investments, A Limited Liability Company to perform a limited Phase II Environmental Site Assessment (ESA) at property located at 10424 Wilson Boulevard comprised of one parcel in Blythewood, Richland County, South Carolina 29016 (**Figure 1**). This report presents the assessment background, procedures, results and discussion, and conclusions.

1.1 Background

Hanley Environmental understands that the Client is considering redevelopment of the site for residential use with nine apartment buildings, one clubhouse building and associated improvements. A *Phase I Environmental Site Assessment* (ESA) report dated November 4, 2022, was prepared by Arkose Environmental, Inc for the site. The *Phase I ESA* identified one recognized environmental condition related to an up-gradient facility (Mini Mart Leaking Underground Storage Tank (LUST) site located 528 feet north-northwest of the site). Several groundwater monitoring wells currently or formerly located just off-site along the northern site boundary had detections of petroleum-related constituents in groundwater. The most recent data from adjacent to the site have had no detections in groundwater since prior to 2017. Several nearby wells have been destroyed, and recent data from those wells is not available.

1.2 Assessment Objectives

Collection of groundwater data from the site near the northern property boundary was performed to assess whether groundwater impacts are currently present at the site. Additionally, soil gas samples were collected in close proximity to proposed footprints of the three northernmost site buildings to better understand the risk of vapor intrusion at future site buildings.

2.0 ASSESSMENT PROCEDURES

The following sections provide information on investigation procedures, sampling locations, and general rationale. A map depicting sample locations is included as **Figure 2**. Procedures for sample collection are described below and generally follow the US EPA Region IV Field Branches Quality System and Technical Procedures, and US EPA OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air dated June 2015, and supplemental EPA guidance ("Vapor Intrusion Technical Guide"). Limited Phase II ESA field activities occurred on January 5 and 6, 2023.

2.1 Groundwater Assessment

Groundwater sampling was conducted at three temporary monitoring wells (TMWs) near the northern property boundary as shown on **Figure 2**. TMW-1s and TMW-1i were collected from a location just south of former off-site well MW-39i, which is part of the Mini Mart LUST incident well network. TMW-1s was a shallow well screened across the water table, and TMW-1i was an intermediate-depth well screened from 25-30 feet below ground surface (ft bgs), which was the same screened interval as MW-39i. TMW-2i was an intermediate-depth well screened from 23.5-28.5 ft bgs, located near the northeastern corner of the site in an effort to identify whether the Mini Mart LUST groundwater plume may extend farther east than MW-39i. TMW-2i was planned to be installed to a depth of 30 ft bgs but drilling refusal was encountered at 28.5 ft bgs. Temporary monitoring well construction information is summarized in **Table 1**.

In accordance with the South Carolina state requirements, Hanley Environmental prepared and submitted a Monitoring Well Application prior to Phase II ESA activities. The Monitoring Well Permit was approved (Approval # MW-13521) in a letter from SCDHEC dated January 3, 2023. The approval letter is provided as **Appendix A**.

Temporary monitoring wells were installed using direct-push technology (DPT) drilling methods by Versatile Environmental Resource Company (VERCO), a South Carolina-licensed

drilling contractor. Continuous soil samples were collected from each soil boring during temporary monitoring well installation and field screened for the presence of staining or odors. Lithological descriptions were recorded and are provided in boring logs included as **Appendix B**. Hanley Environmental did not observe obvious indications or staining or odors indication of a release to soil in the soil borings. Temporary monitoring wells were installed by placing 1-inch diameter PVC piping with 5 ft or 10 ft screened sections and solid riser piping extending to the ground surface. Sand filter pack was installed in the well annulus from the base of the borehole to approximately 2 feet above the screened zone. At least 2 feet of hydrated bentonite was placed above the sand pack of each well.

The temporary groundwater monitoring wells were developed by pumping and surging within the screened zone until water was visibly clear and a minimum of three well volumes had been removed. Following temporary well installation, the groundwater level was allowed to equilibrate, and an oil-water interface probe was used to measure the depth to water and gauge for the presence of free product. Depth to groundwater ranged from approximately 18.11 to 18.42 ft bgs. Free product was not observed in temporary monitoring wells installed at the site.

Low-flow sampling methods were employed using a peristaltic pump. The tubing inlet was placed within the screened interval of each well and groundwater was purged at approximately 200 milliliters/minute (mL/min). Field parameters were measured and recorded at approximately 3-minute intervals to assess stabilization. Samples were collected when field measurements of temperature, pH, specific conductivity, and oxidation reduction potential (ORP) stabilized. Groundwater sampling records are provided in **Appendix C**. Samples were placed in laboratory-provided containers, stored in an iced cooler, and transported under chain-of-custody protocol to Waypoint Analytical, LLC, a South Carolina-certified laboratory. Groundwater samples were analyzed for VOCs by EPA Method 8260.

Soil cuttings and purged groundwater was discharged to the ground surface in the vicinity of each sample location. Temporary monitoring wells were abandoned on January 6, 2023, by backfilling with soil cuttings, bentonite chips, or grout to the ground surface. Sample locations were marked with a handheld GPS device.

2.2 Soil Gas Assessment

Soil gas sampling was conducted at three locations (SG-1, SG-2, and SG-3) near the planned locations of the three northernmost site buildings (**Figure 2**). Temporary soil gas sampling points were installed by DPT drilling methods with total boring depths extending to 15 ft bgs, approximately 3 ft above the measured water table. Soil boring logs are provided in **Appendix B**.

Soil gas probes consisted of a 6-inch length screened soil gas sampling implant connected to ¼-inch diameter Teflon® tubing which extended to the ground surface for sample collection. A sand filter-pack was placed around the sampling implants to a height of approximately six inches above the screen. Hydrated bentonite was placed above the sand to near ground surface.

One-liter Summa® canisters batch certified by the laboratory were used to collect soil gas samples. Canisters were inspected prior to sampling to verify that vacuum levels were within 10% of the level recorded by the laboratory prior to shipment. Dedicated tubing and flow controllers were used at each sample collection point. Sampling points were purged of stagnant air at a rate of no more than 200 mL/min to remove at least three sample train volumes of air using a three-way valve. Following purging, a leak check was conducted at each soil gas location by constructing a shroud around the sampling point and filling the shroud with helium gas. Helium concentrations were measured using a Dielectric MGD 2002 helium detector. Purged vapors from the soil gas sample were collected in Tedlar® bags using a syringe and the helium concentration of the vapor in the Tedlar® bags was measured to verify that helium concentrations in the Tedlar® bags were less than 10% of the helium

concentrations in the shroud. Successful leak check and sampling information is provided on the soil gas sampling records included as **Appendix D**.

Following purging and successful leak testing at each sample location, a soil gas sample was collected into the sample canister at an approximate flow rate of 200 mL/min (5-minute sample time for 1-liter canisters). After sampling, the canisters were transported under chain-of-custody protocols via courier to Waypoint Analytical, LLC for analysis of VOCs by EPA Method TO-15. Following sample collection, tubing and screens were pulled from the ground. Sample locations were marked with a handheld GPS device.

3.0 ASSESSMENT RESULTS AND DISCUSSION

The groundwater and soil gas results are summarized in **Tables 2 and 3**, respectively. Laboratory analytical reports and chain-of-custody records are included in **Appendix E**. Groundwater results were compared to the EPA Maximum Contaminant Levels (MCLs) and Target Groundwater Concentration Vapor Intrusion Screening Levels (VISLs). Soil gas results were compared to the EPA Target Sub-Slab and Near-Source Soil Gas Concentration VISLs. Target VISLs are based on a target cancer risk (TCR) of 1×10^{-6} and target hazard quotient (THQ) of 0.1.

3.1 Groundwater Assessment

Analytical results indicate the presence of tetrachloroethylene (TMW-1i and TMW-2i), toluene (TMW-1s), methyl tert-butyl ether (TMW-2i), and acetone (TMW-1s and TMW-1i) at concentrations above laboratory method detection limits in groundwater samples collected at the site. Concentrations detected in groundwater did not exceed EPA MCLs or Target Groundwater VISLs.

Prior to former off-site monitoring well MW-39i being destroyed after the April 2016 sampling event, benzene, xylenes (total), naphthalene, and methyl tert-butyl ether were consistently detected in groundwater samples from that well; however, concentrations exhibited a steady concentration decline from the first sampling event in April 2014. The concentration of

methyl tert-butyl ether detected in TMW-2i was similar to the April 2016 concentration detected in MW-39i. Additional monitoring wells located on the northern adjacent property along the site boundary have been destroyed or have not had detections in groundwater prior to 2016. It should be noted that groundwater samples collected on the adjacent property to the north were collected as part of the Mini Mart LUST assessment and were analyzed by EPA Method 8260B for specific petroleum-related compounds. Therefore, concentrations of chlorinated solvents such as tetrachloroethene were not reported in the groundwater data.

3.2 Soil Gas Assessment

Laboratory analytical results indicate the presence of several VOCs in each soil gas sample at concentrations above the laboratory method detection limit. VOCs detected above the EPA Target Sub-Slab Near-Source Soil Gas VISLs include benzene (SG-2 and SG-3), 1,3-butadiene¹ (SG-1 through SG-3), ethylbenzene (SG-2 and SG-3), heptane (SG-2), naphthalene (SG-2 and SG-3), 1,2,4-trimethylbenzene (SG-2 and SG-3), 1,3,5-trimethylbenzene (SG-2), o-xylene (SG-2), m,p-xylene (SG-2), and xylenes (total; SG-2 and SG-3). Several other compounds were detected in each soil gas sample at concentrations below Target VISLs.

EPA Target Sub-Slab and Near-Source Soil Gas VISLs are conservative and based on a TCR of 1×10^{-6} and THQ of 0.1. EPA's acceptable risk range for potential carcinogenic risks is 1×10^{-6} to 1×10^{-4} and the acceptable level for noncarcinogenic risk is a hazard index (HI) equal to less than 1. To further evaluate potential cumulative risks for structural vapor intrusion into future site buildings, Hanley Environmental calculated cumulative risks using EPA's VISL Calculator assuming a residential land use scenario. The maximum concentration of each compound detected was used as input for the VISL Calculator

¹ 1,3-Butadiene is likely an artifact of the sampling process rather than a result of a release at the site. When identified in soil gas, it is typically an artifact of DPT sampling as a result of emission from the drilling equipment.

The results of the calculator indicate a carcinogenic risk of 8.32×10^{-5} and a non-carcinogenic hazard index of 5.27. The hazard index exceeds the acceptable risk threshold. A copy the EPA VISL Calculator is included as **Appendix F**.

4.0 CONCLUSIONS

Hanley Environmental completed limited Phase II ESA activities at the wooded property at 10424 Wilson Blvd in Blythewood, South Carolina. The assessment activities were conducted on January 5, 2023, and included the collection and laboratory analyses of three groundwater samples and three soil gas samples. A summary of results is as follows:

- Analytical results indicate the presence of tetrachloroethylene, toluene, methyl tert-butyl ether, and acetone at concentrations above laboratory method detection limits in groundwater samples collected at the site. Concentrations detected in groundwater did not exceed EPA MCLs or Target Groundwater VISLs.
- Soil gas results indicate benzene, 1,3-butadiene, ethylbenzene, heptane, naphthalene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, o-xylene, m,p-xylene, and xylenes (total) in soil gas at concentrations above the EPA Target Sub-slab Near-Source Soil Gas VISLs. Several other compounds were detected in each soil gas sample at concentrations below Target VISLs.
- The EPA VISL Calculator indicates carcinogenic risk of 8.32×10^{-5} and a non-carcinogenic hazard index of 5.27. The hazard index exceeds the acceptable risk threshold.

Groundwater data identified methyl tert-butyl ether, which is a fuel additive that is highly mobile in groundwater can be a leading indicator of a fuel-related groundwater plume. The groundwater data suggest that concentrations associated with the Mini Mart LUST may have decreased over time, or the groundwater plume may be present at a different location or depth interval from the samples collected. The presence of petroleum-related constituents in soil gas indicate that constituents associated with the Mini Mart LUST release have likely migrated onto the site, either in groundwater or in the vapor phase. Information from the

Phase I ESA and this limited Phase II ESA did not identify likely on-site sources of the detected constituents in groundwater and soil gas. The scope of this assessment was limited, and a more thorough assessment would be needed to identify the groundwater plume extent and the origin and extent of soil gas concentrations with greater certainty.

Based on soil gas and VISL Calculator results, the data indicates the potential for soil gas to indoor air vapor intrusion to result in unacceptable risk levels for future buildings under a residential use scenario. This risk could be addressed with appropriate engineering controls such as vapor intrusion mitigation systems at planned buildings.

5.0 REFERENCES

Arkose Environmental, Inc., *Phase I Environmental Site Assessment*, dated November 4, 2022.

Midlands Environmental Consultants, Inc., *Corrective Action System Evaluation Report #16 Jalaram/Former JR Deli, SCHEC Site ID 10503*, dated July 11, 2022.

United States Environmental Protection Agency, *Office of Solid Waste and Emergency Response (OSWER) Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air*, dated June 2015.

United States Environmental Protection Agency, *Vapor Intrusion Screening Level Calculator User's Guide for Chemical Contaminants*, last updated November 18, 2022.

United States Environmental Protection Agency Region 4, *Quality System and Technical Procedures for Laboratory Services and Applied Science Division (LSASD) Field Branches*, last updated May 12, 2022

TABLES

Table 1 - Temporary Monitoring Well Construction and Water Level Summary
Limited Phase II ESA
10424 Wilson Blvd
Richland County, South Carolina 29016

Well ID	Location	Well Diameter (inch)	Approximate Well Depth (ft bgs)	Screen Interval (ft bgs)	Depth to Groundwater (ft bgs)
TMW-1s	Central portion of site; south of former off-site well MW-39i	1	22	12-22	18.11
TMW-1i	Central portion of site; south of former off-site well MW-39i	1	30	25-30	18.21
TMW-2i	Northeastern corner of site	1	28.5	23.5-28.5	18.42

Notes:

1. Depth to groundwater measurement collected on January 5, 2023.
2. ft bgs = feet below ground surface

Table 2 - Groundwater Analytical Results Summary
Limited Phase II ESA
10424 Wilson Blvd
Richland County, South Carolina 29016

Sample ID	TMW-1s	TMW-1i	TMW-2i	EPA MCL ¹	Target Groundwater VISL ² (TCR = 1.0E-06; THQ=0.1)
Location	North-Central Portion	North-Central Portion	Northeastern Portion		
Well Screen Depth Interval (ft bgs)	12-22	25-30	23.5-28.5		
Sample Collection Date	1/5/2023	1/5/2023	1/5/2023		
Volatile Organic Compounds (VOCs) - EPA Method 8260 (µg/L)					
Acetone	3.19 J	1.97 J	<1.80	NE	NE
Methyl Tert-Butyl Ether (MTBE)	<0.140	<0.140	0.456 J	NE	4.50E+02
Tetrachloroethene	<0.220	0.720	0.879	5	5.76E+00
Toluene	0.220 J	<0.220	<0.220	1,000	1.92E+03

Notes:

1. Environmental Protection Agency (EPA) National Primary Drinking Water Regulations Maximum Contaminant Levels (MCLs)
2. EPA Target Groundwater Concentration Vapor Intrusion Screening Level (based on target cancer risk [TCR] of 1x10⁻⁶ and target hazard quotient [THQ] of 0.1)
3. Detected concentrations are shown in **bold**
4. NE = not established
5. Values shown with "<MDL" were not detected above the referenced method detection limit
6. J indicates compound was detected at a concentration below the Reporting Limit (lowest calibration standard), detection is considered an estimate
7. Concentrations shown in micrograms per liter (µg/L)
8. ft bgs = feet below ground surface
9. Only compounds detected in at least one sample shown in table above
10. NE = not established

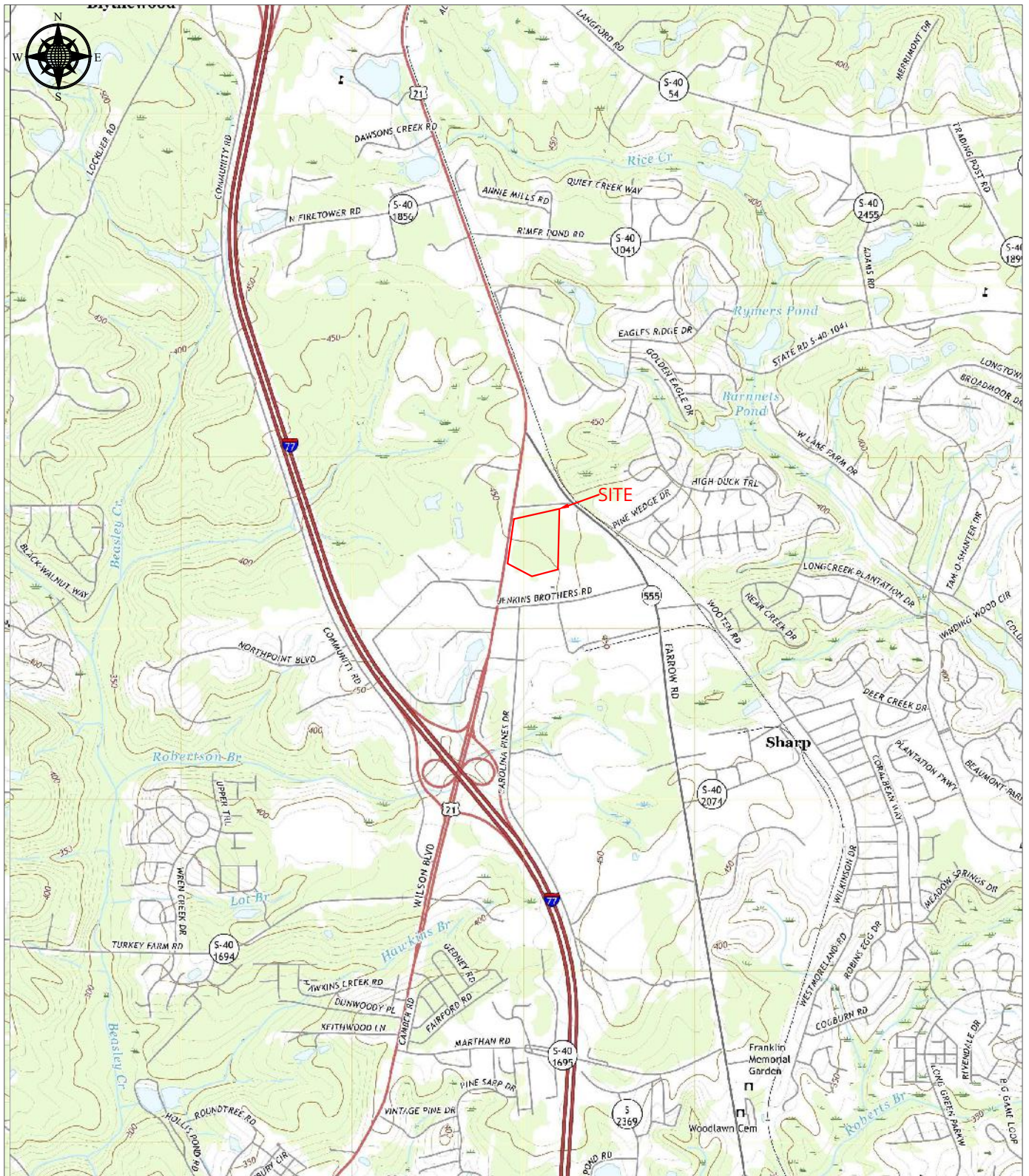
Table 3 - Soil Gas Analytical Results Summary
Limited Phase II ESA
10424 Wilson Blvd
Richland County, South Carolina

Sample ID		SG-1	SG-2	SG-3
Sample Type		Soil Gas	Soil Gas	Soil Gas
Location		Western Portion	Central Portion	Eastern Portion
Sample Interval Depth (ft bgs)		14.5-15	14.5-15	14.5-15
Sample Duration		5-minute	5-minute	5-minute
Sample Collection Date		1/5/2023	1/5/2023	1/5/2023
Shroud Helium Concentration (%)		54.4%	47.3%	52.5%
Leak Check Helium Concentration (ppm)		0.0	0.0	0.0
	Target Sub-Slab and Near-source Soil Gas Concentration ² (TCR = 1.0E-06; THQ=0.1)			
Volatile Organic Compounds (VOCs) - EPA Method TO-15 (µg/m ³)				
Acetone	NE	37.7	44.0	79.0
Benzene	1.20E+01	3.85	110	25.5
1,3-Butadiene	3.12E+00	11.6	134	92.1
Carbon Disulfide	2.43E+03	3.74 J	31.5	36.2
Chloroform	4.07E+00	2.29 J	<0.431	2.67
Chloromethane	3.13E+02	<0.067	3.21 J	<0.067
Cyclohexane	2.09E+04	<0.161	281	<0.161
Dichlorodifluoromethane	3.48E+02	2.68	2.84 J	2.75
1,1-Dichloroethane	5.85E+01	0.380 J	<0.504	<0.101
Ethylbenzene	3.74E+01	0.720 J	949	74.9
4-Ethyltoluene	NE	<0.128	584	62.5
1,1,2-Trichloro-1,2,2-trifluoroethane	1.74E+04	<0.561	<2.81	0.674 J
Heptane	1.39E+03	0.905 J	1,680	86.4
n-Hexane	2.43E+03	1.72 J	1,610	89.8
2-Hexanone	1.04E+02	1.95 J	<1.42	<0.285
Isopropyl Alcohol	6.95E+02	2.31 J B	8.06 J B	2.60 J B
Methyl Ethyl Ketone (MEK)	1.74E+04	6.28	23.3	19.7
4-Methyl-2-Pentanone	1.04E+04	2.07	<0.602	9.30
Methylene Chloride	2.09E+03	3.62	5.16 J B	8.93
Naphthalene	2.75E+00	<0.183	13.9	5.26
Propene	1.04E+04	45.0	6,550	2,030
Styrene	3.48E+03	1.61 J	12.6	5.08
Tetrachloroethene	1.39E+02	<0.181	<0.907	1.28 J
Tetrahydrofuran	6.95E+03	0.350 J	25.0	<0.107
Toluene	1.74E+04	5.29	3,730	147
Trichlorofluoromethane	NE	1.41 J	<0.647	<0.130
1,2,4-Trimethylbenzene	2.09E+02	0.860 J	2,240	216
1,3,5-Trimethylbenzene	2.09E+02	<0.236	857	90.7
o-Xylene	3.48E+02	0.842 J	1,350	130
m,p-Xylene	3.48E+02	1.75 J	3,190	271
Xylene (Total)	3.48E+02	2.59 J	4,540	401

Notes:

- Concentrations shown in micrograms per cubic meter (µg/m³)
- Environmental Protection Agency (EPA) Target Sub-Slab and Near-Source Soil Gas Concentration Screening Level (based on target cancer risk [TCR] of 1x10⁻⁶ and target hazard quotient [THQ] of 0.1)
- Detected concentrations are shown in **bold**
- Detected concentrations exceeding Target Screening Levels are shaded in yellow
- Values shown with "<MDL" were not detected above the referenced method detection limit
- J indicates compound was detected at a concentration below the Reporting Limit (lowest calibration standard), detection is considered an estimate
- B indicates compound was detected in blank
- ft bgs = feet below ground surface
- Only compounds detected in at least one sample shown in table above
- NE = not established

FIGURES



Legend

— Subject Property Boundary

1,000 2,000 FT

Notes: Topographic image obtained from United States Geological Services (USGS) online interface managed by the USGS National Geospatial Program (NGP) dated January 18, 2023.



HANLEY ENVIRONMENTAL, PLLC
323 MANNING DRIVE
CHARLOTTE, NORTH CAROLINA
SC Engineering COA #6674

Date
01/18/23

Project No.
PJ22040

Drawn By
NAH

Revision No.
0

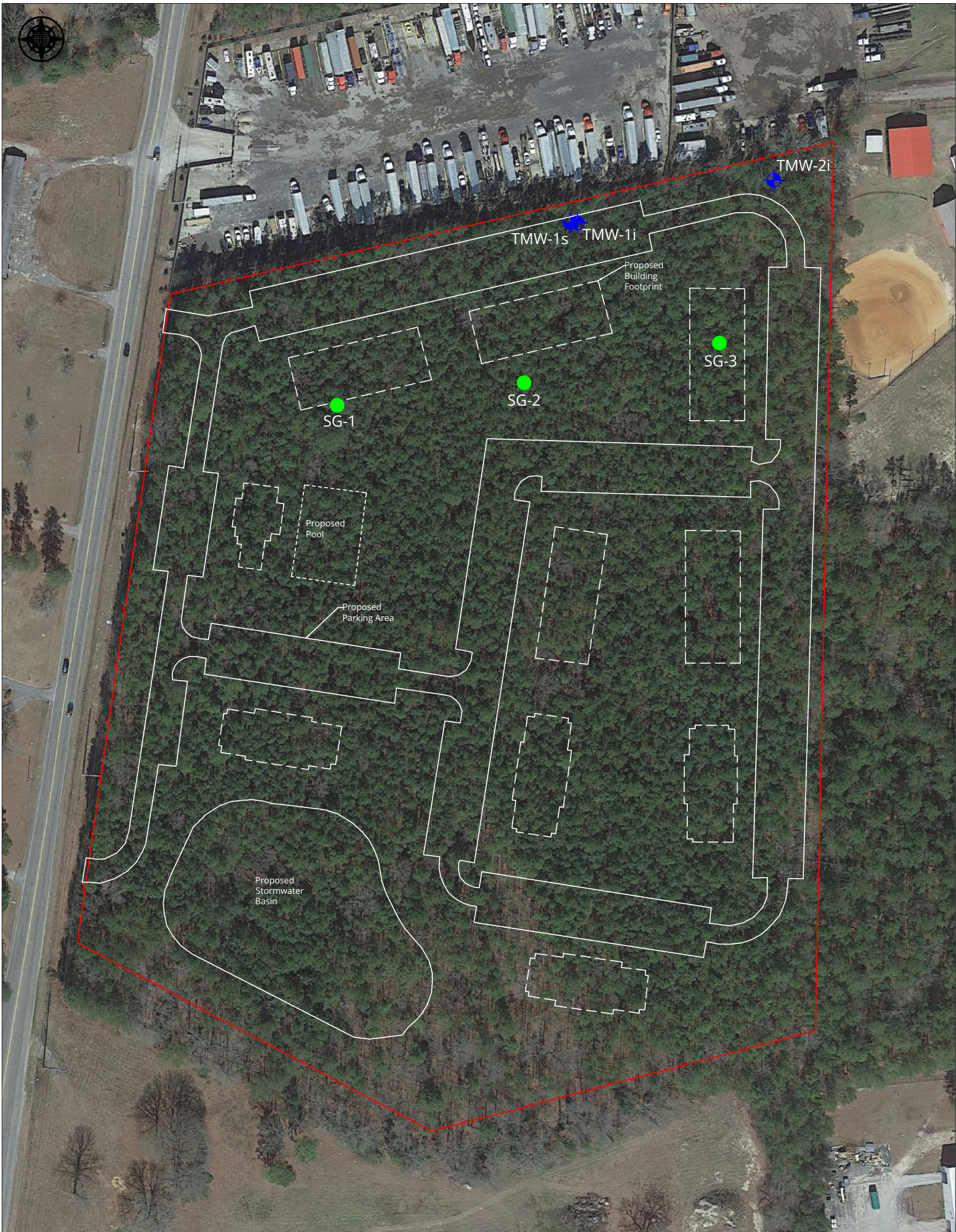
Title and Project

Site Vicinity Map

Limited Phase II ESA
10424 Wilson Boulevard
Blythewood, Richland County, South Carolina

Figure No.

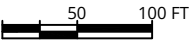
1



Legend

- Site Property Boundary
- Monitoring Well
- Soil Gas Monitoring Point

Notes:
1. Aerial image obtained from Google Earth January 18, 2023.
2. Proposed site development provided by Village Capital Corporation.



HANLEY ENVIRONMENTAL, PLLC
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Drawn By	NAH
Revision No.	0

Title and Project

Sample Location Map

Limited Phase II ESA
10424 Wilson Boulevard
Blythewood, Richland County, South Carolina

Figure No.

2

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

**10424 Wilson Boulevard
Richland County
South Carolina 29016**

Project Number: PJ22040

**Revision 2
October 2, 2023**

Prepared for:

Pedcor Investments, A Limited Liability Company
770 Third Avenue, S.W.
Carmel, IN 46032

And

South Carolina State Housing Finance & Development Authority (SC Housing)
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1.0 SUMMARY

Hanley Environmental, PLLC was contracted by Pedcor Investments, A Limited Liability Company to perform a Phase I Environmental Site Assessment (ESA) of property located at 10424 Wilson Boulevard, Richland County, South Carolina 29016 (subject property). This section presents a summary of Phase I ESA Findings. This summary is provided for convenience, and should not be relied upon without the context provided by the full contents of this report.

The subject property encompassed approximately 22.8 acres of vacant, wooded land. Site improvements on the subject property at the time of site reconnaissance included fencing along the northern property boundary and a portion of the eastern property boundary. Electrical transmission lines were located along the western property boundary.

The purpose of this Phase I ESA was to identify recognized environmental conditions in connection with the subject property pursuant to ASTM International (ASTM) Standard E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. This assessment has revealed the following recognized environmental condition in connection with the subject property:

- Recognized environmental condition #1: A 1992 leaking underground storage tank (LUST) incident associated with the Mini Mart fueling station located approximately 500 feet north-northwest of the subject property resulted in a dissolved phase groundwater plume of petroleum-related compounds extending away from the facility toward the subject property. A Limited Phase II Environmental Site Assessment performed in early 2023 included collection of groundwater and soil gas samples from the northern portion subject property to evaluate whether impacts from the Mini Mart incident had impacted the subject property. Analytical results indicated the presence of tetrachloroethylene, toluene, methyl tert-butyl ether (MTBE), and acetone at concentrations above

laboratory method detection limits in groundwater samples collected at the subject property. Several volatile constituents were also detected in soil gas samples collected at the subject property at concentrations above applicable screening levels. The report concluded that constituents associated with the Mini Mart LUST release had likely migrated onto the subject property. The identified impacts at the subject property are considered a recognized environmental condition.

Additional scope services outside of ASTM E1527-21 were performed as part of this assessment, which included evaluation of specific factors required as part of the environmental review process under the US Department of Housing and Urban Development (HUD) Multifamily Accelerated Processing (MAP) Guide.

Pursuant to ASTM E1527-21, recommendations (e.g., for additional assessment or considerations to address business environmental risks) are not required to be included in this report. Hanley Environmental can provide such recommendations to the User upon request.

2.0 INTRODUCTION

2.1 Subject Property Location

The subject property was located on one parcel (Parcel Number R15000-05-04) with address 10424 Wilson Blvd, Richland County, South Carolina. The subject property location is depicted on **Figure 1**, and site features are displayed on an aerial image on **Figure 2**. An ALTA/NSPS Land Title Survey of the subject property prepared by Atlas Surveying, Inc. dated January 10, 2023, was provided to Hanley Environmental by the Client, which was used to confirm property boundaries shown on figures.

Observations of the subject property, adjoining properties, and the vicinity were performed during site reconnaissance on May 19, 2023, as described in Section 5.0. Observations of adjoining properties are described in Section 2.4. Reconnaissance was performed on foot

and/or using a vehicle and included a reasonable observation of the property and structures, the periphery of the property, and the interiors of structures.

2.2 Subject Property Uses

The subject property was unoccupied, vacant land.

2.3 Subject Property Structures, Roads, and Other Improvements

The subject property encompassed approximately 22.8 acres of vacant, wooded land. Site improvements on the subject property at the time of site reconnaissance included fencing along the northern property boundary and a portion of the eastern property boundary. Electrical transmission lines were located along the western property boundary.

2.4 Description of Adjoining Property Uses

Observations of uses of adjoining properties are discussed below and categorized based on direction relative to the subject property. Historical uses of adjoining properties are discussed in Section 4.4.

Direction	Observed Uses
North	Truck parking lot (Rockfish).
East	Fitness center (Redzone Elite Sports Fitness Training), HVAC contractor office (Mountain Air Heating and Cooling), automotive body shop (Caliber Collision), vacant and wooded land.
South	Vacant land to the southwest and truck parking to the southeast of the subject property. Construction equipment was parked near Wilson Boulevard at the time of site reconnaissance. A nursery (Reese's Plants) was present beyond the vacant land to the south.
West	Wilson Boulevard with residential use beyond.

Adjoining properties were not identified in standard environmental record sources reviewed (see Section 4.1). While observed uses of some adjoining properties have the potential for the use or releases of hazardous materials or petroleum products (e.g., HVAC contractor office, automotive body shop, truck and construction equipment parking), observations during site reconnaissance and other information obtained did not indicate a high likelihood of releases with the potential to impact the subject property. Observations of and

information reviewed relating to adjoining properties did not identify recognized environmental conditions in connection with the subject property.

2.5 Contractual Information

2.5.1 Phase I ESA Purpose

The purpose of this Phase I ESA was to identify recognized environmental conditions in connection with the subject property pursuant to ASTM Standard E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. This report is intended to satisfy requirements of the E1527-21 standards as meeting the requirements of All Appropriate Inquiries. Definitions of terms from ASTM E1527-21 that may be used in this report are summarized below.

- A recognized environmental condition is: (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.
- A controlled recognized environmental condition is a type of recognized environmental condition 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 (for example, activity and use limitations, institutional controls, or engineering controls).
- A historical recognized environmental condition is 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 (for example, activity and use limitations, institutional controls, or engineering controls).

- A *de minimis* condition generally does not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. *De minimis* conditions, as defined in ASTM E1527-21, are not considered recognized environmental conditions.

Findings including features, activities, uses, and conditions that may indicate recognized environmental conditions, controlled recognized environmental conditions, historical recognized environmental conditions, and *de minimis* conditions are identified in Section 7.0 of this report, along with the environmental professional's opinion of the impact of the condition on the property.

As dictated by ASTM E1527-21, this environmental site assessment is considered valid and can be relied upon by the Client/User if certain assessment components were completed less than 180 days prior to the date of property acquisition (for transactions involving an acquisition). A summary of completion dates is listed below.

Phase I ESA Component	Earliest Date Completed
Interviews	5/16/2023
Searches for environmental cleanup liens	5/17/2023
Review of governmental records	5/18/2023
Site reconnaissance	5/19/2023
Environmental Professional Declaration	10/2/2023

Accordingly, this report can be presumed to be valid for a property transaction where acquisition occurs within 180 days of May 16, 2023.

Hanley Environmental understands that this assessment was requested prior to the proposed acquisition of an interest in the subject property, with the intent of meeting the standard of All Appropriate Inquiries into the previous ownership and uses of the property

consistent with good commercial and customary practice in order to satisfy requirements for certain liability protections under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

2.5.2 Scope of Work

The scope of work was performed in general accordance with ASTM E1527-21 and Client-specified requirements. Data gaps and deviations from ASTM E1527-21 are described in Section 7.3. Work was conducted pursuant to Hanley Environmental's proposal number PROP23038 dated May 16, 2023, and the terms and conditions contained within the proposal.

As defined in ASTM E1527-21, the User is the party seeking to use ASTM E1527-21 to complete an ESA of the subject property. This assessment was prepared for the use and benefit of Pedcor Investments, A Limited Liability Company; Pedcor Investments-2023-CXCIII, L.P.; and South Carolina State Housing Finance & Development Authority as well as their successors and assigns and the lending institution in connection with a secured financing of the subject property. The assessment was performed subject to the terms and conditions agreed upon between Hanley Environmental and the Client. The Client and Hanley Environmental were solely responsible for forming the scope of work. Accordingly, reliance on this report by any other party may involve assumptions leading to unintended interpretation of findings and opinions. Reliance by parties other than those listed above on the contents of this report is not guaranteed and shall be at the sole risk of that party. Hanley Environmental may offer reliance to third parties with the consent of the Client and for a fee, subject to mutually agreeable terms and conditions. The User has specific obligations for completing a successful application of ASTM E1527-21 which are outlined in the Standard.

2.5.3 Limiting Conditions, Exceptions, Significant Assumptions, and Special Terms and Conditions

The findings and opinions presented in this report are based on information obtained during performance of the Phase I ESA and Hanley Environmental's professional experience, and

reflect conditions at the time of performance. These findings and opinions should not be relied upon to represent conditions in the future.

Although this assessment has attempted to identify recognized environmental conditions in connection with the subject property, this work is subject to uncertainty, and Hanley Environmental cannot warrant that the subject property contains no hazardous substances or petroleum products or other potential environmental risks. Conditions may not have been identified due to the limited scope of this assessment, the inaccuracy of information reviewed, undetected or unreported environmental incidents, conditions or areas that were inaccessible or could not be viewed, or concealment of information by others.

Hanley Environmental's professional services were performed with the care and skill ordinarily used by members of the same profession currently practicing under similar circumstances in the state and locality of the project. This environmental assessment was not exhaustive, and the scope and limitations of the work should be considered by the User when developing opinions related to risks associated with the subject property. Uncertainty may be reduced through additional research or assessment, which Hanley Environmental may provide upon request.

The following significant assumptions have been made in performance of this Phase I ESA:

- Hanley Environmental considered information obtained from the Client, the Client's representative(s), individuals interviewed, and environmental reports and can neither warrant nor guarantee the comprehensiveness or accuracy of the information obtained.
- Conditions observed were considered to be representative of areas that were not observed, unless indicated otherwise.
- Hanley Environmental's findings are based on the locations of boundaries of the subject property as evident from visual observations in the field using maps or plats provided by the Client or another source as described in Section 2.1.

3.0 USER PROVIDED INFORMATION

As required by ASTM E1527-21, Hanley Environmental requested certain information from the User of this Phase I ESA in a User Questionnaire to assist in identifying recognized environmental conditions. A User Questionnaire (**Appendix A**) was completed by Pedcor Investments, A Limited Liability Company.

- The User or its representative indicated that the reason for performing the Phase I ESA was related to purchase of the subject property.
- The User or its representative provided Hanley Environmental with a Commitment for Title Insurance dated January 10, 2023. Hanley Environmental reviewed the Commitment for Title Insurance and did not identify environmental liens or activity and use limitations associated with the subject property. Hanley Environmental procured an environmental lien search dated May 17, 2023, including a search of the current property owner to cover the period after the January 2023 Commitment for Title Insurance. The search results indicated that no environmental liens or activity and use limitations have been filed on public record.
- The User or its representative indicated that they were not aware of environmental liens, deed restrictions, engineering or institutional controls, or other activity and use limitations associated with the subject property.
- The User or its representative indicated that they did not have specialized knowledge of the subject property.
- The User or its representative indicated that the purchase price of the property was equal to market value.
- The User or its representative indicated that they were aware of commonly known or reasonable ascertainable information about the subject property that would help to identify recognized environmental conditions, or of obvious indicators that point to the presence or likely presence of releases at the subject property. Previous Phase I ESA and Phase II ESA reports were referenced (Discussed in Section 4.5).

Excerpts from documents provided by the User, its representatives, or other sources are included in **Appendix B**. These documents are listed in Section 9.0.

The User identified the subject property owners as Barry L. Story and Nan S. Easterlin, and provided Hanley Environmental with contact information for Mr. Jim Trotter, who was identified as an attorney representing the subject property owners, to obtain information to support the Phase I ESA. Mr. Trotter was identified as a key site manager. Interview information from the key site manager is presented in Section 6.0.

4.0 RECORDS REVIEW

Review of environmental, physical setting, and historical use records was performed for the subject property and surrounding areas pursuant to the requirements of ASTM E1527-21.

4.1 Standard Environmental Record Sources

Standard federal, state, and tribal environmental record sources were reviewed for the subject property and approximate minimum search distances as specified in ASTM E1527-21. Regulatory listings included only those facilities or incidents that were known to the regulatory agencies at the time of publication. Records were obtained from a third-party database search provider, Environmental Risk Information Services, who is responsible for the accuracy and completeness of its records. The complete database report is included in **Appendix C** and findings are summarized below.

Standard Environmental Record Source	Approximate Minimum Search Distance (miles)	Total Properties Identified
Federal National Priorities List (NPL) site list	1.0	0
Federal Delisted NPL site list	0.5	0
Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list	0.5	0
Federal CERCLIS No Further Remedial Action Planned (NFRAP) site list	0.5	0
Federal Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS) facilities list	1.0	0
Federal RCRA non-CORRACTS Treatment, Storage, Disposal (TSD) facilities list	0.5	0
Federal RCRA generators list	Subject property and adjoining properties only	0
Federal institutional control/engineering control registries	Subject property only	0
Federal Emergency Response Notification System (ERNS) list	Subject property only	0
State and tribal lists of hazardous waste sites identified for investigation or remediation state- and tribal-equivalent NPL	1.0	0
State and tribal lists of hazardous waste sites identified for investigation or remediation state- and tribal-equivalent CERCLIS	0.5	0
State and tribal landfill and/or solid waste disposal sites list	0.5	0
State and tribal leaking storage tank lists	0.5	8
State and tribal registered storage tank lists	Subject property and adjoining properties property only	0
State and tribal institutional control/engineering control registries	Subject property only	0
State and tribal voluntary cleanup sites	0.5	0
State and tribal Brownfields sites	0.5	0

Hanley Environmental reviewed the database report and identified the following information pertaining to the subject property, off-property sites, and unmappable properties.

- The subject property was not listed in the Database Report.
- Three off-property sites listed in the Database Report are considered significant and warrant further discussion based on the type of database listing, proximity to the subject property, apparent hydrological relationship to the subject property, information in the database report, or observations of the facility during reconnaissance.
 - Mini Mart located at 10447 Wilson Boulevard was located approximately 500 feet north-northwest of the subject property, across Wilson Boulevard and at a similar topographic elevation to the subject property. The facility was listed on the state LUST database and underground storage tank (UST) database. This facility was observed to be operating as an active fueling station and automotive repair facility at the time of site reconnaissance. Information in the database report indicated that a release of petroleum was reported on January 10, 1992, with corrective actions ongoing. Water supply wells were reported less than 1,000 feet downgrade. Hanley Environmental reviewed documents related to this incident included in a previous Phase I ESA for the subject property. Hanley Environmental also inquired with the South Carolina Department of Health and Environmental Control (SC DHEC) incident project manager whether more recent information related to this incident was available. As of the date of this report, no response was received from SC DHEC.

A Corrective Action System Evaluation Report #16 dated July 11, 2022, was prepared by Midlands Environmental Consultants, Inc. The report indicated that a release of petroleum product was reported in January of 1992. Groundwater assessment activities identified free phase petroleum in the vicinity of the facility and a dissolved phase groundwater plume extending

away from the facility. The groundwater flow direction in the intermediate aquifer zone was to the east and southeast, toward the subject property. Four groundwater monitoring wells were historically present to within approximately 50 feet of the northern subject property boundary. Concentrations of benzene, toluene, ethylbenzene, xylenes, naphthalene, and MTBE were historically detected in these wells. Two of the four wells (MW-38i and DW-4) still existed in 2022 and did not have detections of analyzed constituents in the most recently reported (July 2021) sampling event.

A Limited Phase II Environmental Site Assessment Report dated February 2, 2023, prepared by Hanley Environmental included collection of groundwater and soil gas samples from the northern portion subject property to evaluate whether impacts from the Mini Mart incident had impacted the subject property. This report is summarized in Section 4.5. Analytical results indicated the presence of tetrachloroethylene, toluene, MTBE, and acetone at concentrations above laboratory method detection limits in groundwater samples collected at the subject property. Several volatile constituents were also detected in soil gas samples collected at the subject property at concentrations above applicable screening levels. The report concluded constituents associated with the Mini Mart LUST release had likely migrated onto the subject property. The presence of tetrachloroethylene could indicate that another source may have also contributed to groundwater impacts, as this chlorinated solvent was unlikely to have been associated with the LUST incident. The identified impacts at the subject property are considered a recognized environmental condition.

- Sharpe Shoppe IV located at 10400 Wilson Boulevard was located approximately 600 feet south-southwest of the subject property and at a slightly lower topographic elevation than the subject property. The facility was

listed on the state LUST and UST databases. Information in the database indicated that a release was reported January 27, 2009, cleanup was initiated and completed January 29, 2009, and the incident was given no-further-action status on the same day. File review information from the November 2022 Phase I ESA of the subject property indicated that, "...the incident was limited to a spill containment bucket of the Super gasoline tank. The impacted soil was analyzed and not found to contain petroleum hydrocarbon chemicals of concern at or above the regulatory screening levels. Therefore, DHEC issued a "No Further Action" letter for the LUST." Based on the distance to the subject property, likely downgradient location relative to the subject property, and regulatory status, this incident is not considered a recognized environmental condition.

- Pitt Stop 3 located at 10328 Wilson Boulevard was located approximately 1,500 feet south-southwest of the subject property and at a lower elevation than the subject property. The facility was listed on the state LUST database. Information in the database indicated that three releases were reported at this facility on June 25, 2009, September 9, 2010, and September 22, 2021. No-further-action status was given to the 2021 release incident on September 30, 2021. Investigation/risk assessment was being conducted related to the 2010 incident, and the 2009 incident remained open. File review information from the November 2022 Phase I ESA of the subject property indicated that, "The groundwater gradient at the Pitt Stop 3 site reportedly flows in a southwest direction, away from the Subject Property." Based on the distance from the subject property and reported groundwater flow direction, this facility is not considered a recognized environmental condition.

- Five other listings of standard environmental record sources were identified in the database report within the approximate minimum search distances. Based on distances from the subject property, area topography or inferred groundwater flow direction, regulatory status, and/or lack of reported release incidents or facility violations, the likelihood of impacts to the subject property associated with these listings is considered be low.
- The database report listed several “unplottable” sites that could not be mapped due to inadequate location information. Hanley Environmental reviewed the list of unplottable sites. Based on limited information in the database report, the unplottable sites do not appear to be in the immediate vicinity of the subject property or have received regulatory closure and/or are considered to have a low likelihood of impacting the subject property.
- Although it was not located within minimum search distances and was not an adjacent property, the Owens Corning facility at 1051 Jenkins Brothers Road, located approximately 200 feet southeast of the subject property, was reviewed due to its potential significance to this assessment. This facility was first developed between 1971 and 1983. The facility reportedly produced insulation, roofing, and fiberglass composites. The facility was listed in the RCRA Very Small Quantity Generator database. The facility was previously listed as a large quantity generator at various times. Compliance violations were noted in 1989, 1992, 1995, and 2003. The facility was also included on the Air Permit, Hazardous Materials Information Reporting System (HMIRS), and Toxic Substances Control Act (TSCA) databases. Information reviewed related to this facility did not indicate releases had occurred with the potential to impact the subject property. Based on the distance from the subject property, presumed groundwater flow direction, and regulatory status, this facility is not considered a recognized environmental condition.

4.2 Additional Environmental Record Sources

Hanley Environmental typically performs review of additional environmental record sources to supplement information in the standard environmental record sources when such additional records were considered to be reasonably ascertainable, sufficiently useful, accurate, and complete in consideration of the objective of the records review. Additional records from historical reports related to the Mini Mart facility, Sharpe Shoppe IV facility, and Pitt Stop 3 facility were reviewed as discussed above. An inquiry for more recent documents related to the Mini Mart facility was submitted to SC DHEC, and as of the date of this report, no response was received from SC DHEC. Available information related to the Mini Mart facility is considered sufficient to establish that subject property impacts related to the facility represent a recognized environmental condition.

4.3 Physical Setting Sources

Physical setting sources (listed in Section 9.0) were reviewed to provide information about the physical characteristics of the subject property. Historical research documentation is included in **Appendix D**.

Based on the topographic maps reviewed, the subject property was generally flat and sloped gently to the southwest toward a drainage ditch near the southwestern portion of the subject property. The drainage ditch led off-property into a culvert extending to the west beneath Wilson Boulevard. Flagging marked to identify wetlands was identified near the southwest corner of the subject property during site reconnaissance. The scope or purpose of a possible wetland delineation associated with this flagging was unknown, and only one flag was observed. Data from US Fish & Wildlife did not indicate the presence of wetlands or waterbodies on the subject property. The subject property had an elevation of approximately 628 feet above sea level. Observations of the site topography generally corresponded with information reviewed on topographic maps, although topographic maps reviewed did not indicate the presence of wetlands or the drainage ditch.

According to sources reviewed, the subject property was located in the Upper Cretaceous unit of the Coastal Plain Physiographic Province of South Carolina. The Upper Cretaceous is characterized by mostly micaceous, kaolinitic sands, with lenses of clay of variable thickness. Sands are mostly coarse sand to granule size, angular to subangular and poorly sorted, although some fine-grained, fairly well-sorted sand does occur. The sediments represent fluvial or upper delta-plain environments. The Coastal Plain aquifers are recharged primarily by precipitation in their outcrop areas. Groundwater flows from the outcrop areas of recharge, through the aquifers, and discharges to upper Coastal Plain rivers, overlying aquifers as upward leakage, and water supply wells.

Sources reviewed identified five groundwater wells within one mile of the subject property. One water supply well was present at the Mini Mart facility, located northwest of the subject property. Several groundwater monitoring wells were present near the subject property boundary associated with the Mini Mart LUST incident. Temporary groundwater monitoring wells were installed and subsequently abandoned in the northern portion of the subject property during Phase II ESA activities in February 2023, and the potentiometric surface was measured at approximately 18 to 19 feet below ground surface. No groundwater supply wells were observed or reported on the subject property.

4.4 Historical Use Information

Historical sources (listed in Section 9.0) were reviewed to develop a history of the previous uses of the subject property and surrounding area in order to help identify the likelihood of past uses having led to recognized environmental conditions. Historical information sources reviewed included aerial photographs, topographic maps, city directories, regulatory files, and previous reports on the subject property. No fire insurance maps for the subject property were identified. Findings from this review are summarized in the table below.

Location (Current Use)	Prior Uses	Comments
Subject property (vacant)	The subject property was undeveloped and vacant dating back to at least 1935. Historical aerial photographs indicate that the site was primarily unwooded with sparse trees from at least 1938 to 1961, and became primarily wooded after that time. Historical sources did not indicate historical agricultural use, however, uses prior to 1935 are uncertain.	Information reviewed did not indicate recognized environmental conditions in connection with the subject property.
Northern adjacent properties (truck parking)	Scott Ridge Ln was present dating back to at least 1935, with surrounding areas undeveloped through 2009. An area northeast of the subject property was cleared and developed with several apparent buildings in the early 2010's. Truck parking was apparent in the northeastern area beginning around 2015. The remainder of the north-adjacent property was developed for truck parking by 2017. Apparent uses remained similar to those observed today after that time.	<p>Observed uses of some adjoining properties have the potential for the use or release of hazardous materials or petroleum products (truck parking). Observations during site reconnaissance and other information obtained did not indicate a high likelihood of releases with the potential to impact the subject property.</p> <p>Information reviewed did not indicate recognized environmental conditions in connection with the subject property.</p>

Location (Current Use)	Prior Uses	Comments
Eastern adjacent properties (Fitness center, HVAC contractor office, automotive body shop, vacant and wooded land)	Apparent agricultural use dating from at least 1938 until prior to 1951. Vacant and partially wooded from 1951 until the 2000's. The current fitness center development was first apparent in a 2005 aerial photograph. The current automotive body shop development was first apparent in a 2009 aerial photograph. The current HVAC contractor office development was first apparent in a 2019 aerial photograph.	Observed uses of some adjoining properties have the potential for the use or releases of hazardous materials or petroleum products (HVAC contractor office, automotive body shop). Observations during site reconnaissance and other information obtained did not indicate a high likelihood of releases with the potential to impact the subject property. Information reviewed did not indicate recognized environmental conditions in connection with the subject property.
Southern adjacent properties (vacant land, truck parking, construction equipment parking)	<p>Apparent agricultural use dating from at least 1938 until prior to 1961. A single family residential-sized structure was first apparent in a 1961 aerial photograph, and had been demolished between 1994 and 2005. The eastern portion of the south-adjacent property was cleared between 1994 and 2005. Reese's Plants was developed between 2006 and 2009. Apparent uses remained similar to those observed today after that time. Construction equipment parking is not apparent in aerial imagery including from 2023, suggesting that equipment storage may have been temporary. The truck parking area adjacent to the southeastern subject property boundary was under construction in the 2023 aerial photograph.</p> <p>Although not an adjacent property, an Owens Corning facility was located southeast of the subject property, within approximately 200 feet. This facility was first developed between 1971 and 1983. This facility is further discussed in Section 4.1.</p>	Information reviewed did not indicate recognized environmental conditions in connection with the subject property.

Location (Current Use)	Prior Uses	Comments
Western adjacent properties (residential)	Wilson Boulevard was present from prior to 1935, with vacant land beyond. Development of single family residential uses occurred from the 1950's to 1960's. Apparent uses remained similar to those observed today after that time.	Information reviewed did not indicate recognized environmental conditions in connection with the subject property.

4.5 Review of Previous Reports

Hanley Environmental reviewed three reports provided by the Client as summarized below.

Report	Pertinent Information	Comments
<p>Phase I Environmental Site Assessment</p> <p>Prepared by Alternative Construction & Environmental Solutions, Inc</p> <p>March 8, 2005</p>	<p>The Phase I ESA was performed pursuant to ASTM 1527-00. The site assessed matches the current subject property. The report indicated that the subject property consisted of undeveloped land with no structures. An interview with property owner Mr. Bert Storey was conducted, and no information of environmental concern was ascertained. The report concluded that the assessment revealed evidence of recognized environmental conditions, described as follows, "Although no significant environmental condition was identified, ACES does recommend that the client regularly inspect the Property for any changes in the functionality, staining or debris. Periodic inspections should be performed as the surrounding areas are currently being cleared for development with large amounts of debris on the property line to the south."</p>	<p>Information reviewed did not indicate recognized environmental conditions in connection with the subject property.</p>
<p>Phase I Environmental Site Assessment</p> <p>Prepared by Arkose Environmental, Inc.</p> <p>November 4, 2022</p>	<p>The Phase I ESA was performed pursuant to ASTM E1527-21. The site assessed matches the current subject property. The report indicated that the subject property was unoccupied vacant land and was historically undeveloped. The report indicated that the Mini Mart LUST site located 528 feet north-northwest of the subject property appeared to represent evidence of a recognized environmental condition.</p>	<p>Discussion related to the Mini Mart LUST site is presented in Section 4.1.</p>

Report	Pertinent Information	Comments
<p>Limited Phase II Environmental Site Assessment Report</p> <p>Prepared by Hanley Environmental, PLLC</p> <p>February 2, 2023</p>	<p>This Limited Phase II ESA was performed to assess whether groundwater impacts were present at the site, and to better understand the risk of vapor intrusion at future site buildings. The assessment included collection and analysis of groundwater samples from three temporary monitoring wells near the northern property boundary, and three soil gas samples from near the planned locations of the northernmost future site buildings.</p> <p>Analytical results indicated the presence of tetrachloroethylene, toluene, methyl tert-butyl ether, and acetone at concentrations above laboratory method detection limits in groundwater samples collected at the site. Concentrations detected in groundwater did not exceed US EPA Maximum Contaminant Levels (MCLs) or Target Groundwater Vapor Intrusion Screening Levels (VISLs).</p> <p>Soil gas results indicate benzene, 1,3-butadiene, ethylbenzene, heptane, naphthalene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, o-xylene, m,p-xylene, and xylenes (total) in soil gas at concentrations above the EPA Target Sub-slab Near-Source Soil Gas VISLs. Several other compounds were detected in each soil gas sample at concentrations below Target VISLs. The EPA VISL Calculator indicated carcinogenic risk of 8.32×10^{-5} and a non-carcinogenic hazard index of 5.27. The hazard index exceeded the acceptable risk threshold.</p> <p>The report concluded constituents associated with the Mini Mart LUST release had likely migrated onto the subject property.</p>	<p>The presence of groundwater and soil gas concentrations of hazardous substance and petroleum-related products is considered a recognized environmental condition. Impacts likely migrated onto the subject property from the Mini Mart LUST incident. Discussion related to the Mini Mart LUST site is presented in Section 4.1.</p>

5.0 SITE RECONNAISSANCE

Site reconnaissance was performed on May 19, 2023, by Mr. David Hanley. The objective of site reconnaissance was to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the subject property.

Reconnaissance was performed through visual and physical observation of the property and structures located on the property (if any) to the extent not obstructed by bodies of water, adjacent buildings, or other obstacles. The periphery of the property was observed, as well as the periphery of structures on the property. The property was also observed from adjacent public thoroughfares (if present). The subject property was wooded, and dense vegetation limited visibility of the ground surface.

Observations related to the general site setting are discussed in Sections 2.1 through 2.4. Observations of the subject property and related reported information are summarized in the table below. A photographic log of site reconnaissance is included in **Appendix E**.

Description	Reported or Observed on the subject property (Y/N)	Comments
General Observations		
Hazardous substances and petroleum products in connection with identified uses	N	
Storage Tanks	N	
Strong, Pungent, or Noxious Odors	N	
Pools of Liquid	Y	Standing water (precipitation runoff) was observed in a drainage ditch near the southwestern portion of the subject property. The drainage ditch led off-property into a culvert extending to the west beneath Wilson Boulevard.
Drums	N	
Hazardous Substances and Petroleum Products Not in Connection with Identified Uses	N	
Unidentified Substance Containers	N	
Potential Polychlorinated Biphenyl (PCB)-containing Hydraulic or Electrical Equipment	N	No potential PCB-containing equipment was observed on the subject property. One pole-mounted transformer was observed off-site near the southwestern corner of the subject property. Hanley Environmental did not observe staining or other obvious indications of a release associated with the transformer. Based the condition of the transformer and likely age of the power pole, the transformer was likely manufactured after the 1979 ban of the use of PCBs in commerce, and therefore was unlikely to contain PCBs.
Hydraulic Equipment	N	
Contracted Maintenance Services	N	

Description	Reported or Observed on the subject property (Y/N)	Comments
Utilities and Stormwater Management	Y	<p>Electrical transmission lines were located along the western property boundary. A marker for an underground cable was also observed along the western property boundary. The survey provided by the client indicated that the power line ran directly along the property line, and an underground fiber-optic line was present just off-property. No utility service was observed or reported at the subject property.</p> <p>A reinforced concrete pipe storm drain was present off-property which ran underneath Wilson Boulevard. A drainage ditch in the southwestern portion of the subject property directed stormwater to the storm drain.</p>
Exterior Observations		
Pits, Ponds, Lagoons, and Surface Water	Y	Standing water was observed within a drainage ditch near the southwestern corner of the subject property, which likely resulted from ongoing rain at the time of site reconnaissance.
Stained Soil or Pavement	N	
Stressed Vegetation	N	
Solid Waste	Y	Limited inert debris was observed in wooded areas on the subject property including typical roadside litter, tires, a wooden door, a wooden pallet, and other items. The types, extent, and condition of debris observed did not indicate the likely release of hazardous substances or petroleum products that could impact the subject property.
Process/ Industrial Wastewater Discharges	N	
Wells	N	
Septic Systems	N	

6.0 INTERVIEWS

Interviews were conducted or reasonable attempts were made to interview certain individuals as required by ASTM E1527-21 with the objective of obtaining information indicating recognized environmental conditions in connection with the subject property.

Interviews were conducted in person, by telephone, or in writing. Interviews are summarized in the table below.

Interviewee	Role	Date Completed	Comments
Mr. James B. Trotter	Owner's Attorney / Key Site Manager	5/16/2023	Mr. James B. Trotter was provided with an Owner Representative Interview Questionnaire which was previously completed by Ms. Laura M. Seigler with BLS Holdings Group, LLC during performance of a previous Phase I ESA of the subject property in 2022. The questionnaire did not identify records or recollection of incidents posing environmental concern in connection with the subject property. Mr. Trotter was requested to confirm with the owner or a knowledgeable representative whether the information in the questionnaire had changed since the time it was completed, or if new relevant information was available. Mr. Trotter responded that nothing has changed with respect to the sellers' knowledge since the questionnaire was completed.
Richland County Ombudsman	Richland County	5/19/23	A request for relevant information on the subject property was made to the Richland County Ombudsman on March 17, 2023. On March 19, 2023, the Richland County Ombudsman responded, "All departments indicated that there are no responsive documents regarding this matter available."

Interview records of communication are included in **Appendix F**.

7.0 EVALUATION

This section documents the findings, opinions, and conclusions of the Phase I ESA.

7.1 Findings and Opinions

Findings including features, activities, uses, and conditions that may indicate recognized environmental conditions, controlled recognized environmental conditions, historical recognized environmental conditions, and *de minimis* conditions are summarized below, along with an opinion of the impact on the subject property and an explanation of the logic and reasoning used in forming the opinion.

- A 1992 LUST incident associated with the Mini Mart fueling station located approximately 500 feet north-northwest of the subject property resulted in a dissolved phase groundwater plume of petroleum-related compound extending away from the facility toward the subject property. A Limited Phase II Environmental Site Assessment performed in early 2023 included collection of groundwater and soil gas samples from the northern portion subject property to evaluate whether impacts from the Mini Mart incident had impacted the subject property. Analytical results indicated the presence of tetrachloroethylene, toluene, MTBE, and acetone at concentrations above laboratory method detection limits in groundwater samples collected at the subject property. Several volatile constituents were also detected in soil gas samples collected at the subject property at concentrations above applicable screening levels. The report concluded that constituents associated with the Mini Mart LUST release had likely migrated onto the subject property. The identified impacts at the subject property are considered a recognized environmental condition.

No significant data gaps (as defined in ASTM E1527-21) were identified during this investigation.

A Tier 1 vapor encroachment screen was performed in accordance with ASTM E2600-15 "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions" (see Section 8.1). Impacts associated with the Mini Mart facility (identified as a recognized environmental condition above) were identified as presenting a vapor encroachment concern for the subject property.

7.2 Conclusions

Hanley Environmental performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-21 of the subject property. Exceptions to, or deletions from, this practice are described in Section 2.5.3 of this report. This assessment has revealed the following recognized environmental conditions, controlled recognized environmental conditions, and/or significant data gaps in connection with the subject property:

- Recognized environmental condition #1: The identified impacts in subject property groundwater and soil gas which are considered likely to have originated at least partially from the Mini Mart LUST incident are considered a recognized environmental condition.

7.3 Data Gaps

A data gap is defined in ASTM E1527-21 as a lack of or inability to obtain required information despite good faith efforts. The following data gaps were identified during performance of this Phase I ESA. Based on the information reviewed and professional experience of the environmental professional, these data gaps were not considered to be significant in affecting the ability to identify recognized environmental conditions.

- Data failure (a type of data gap) occurred during historical review of the subject property. Historical sources had gaps of greater than five-year intervals dating back to first use. Based on the information reviewed and professional experience of the Environmental Professional, this data failure is not considered to constitute a significant data gap.

7.4 Signature and Qualifications of Environmental Professional

Qualifications of the Environmental Professional and the personnel that conducted the site reconnaissance and interviews are included in **Appendix G**.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR §312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

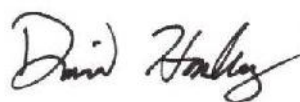


David Hanley
Principal
Hanley Environmental, PLLC

Declaration Date: October 2, 2023

I understand that my Phase I ESA Report will be used by the U.S. Department of Housing and Urban Development to document that the MAP Lender's application for FHA multifamily mortgage insurance was prepared and reviewed in accordance with HUD requirements. This report has been made, presented, and delivered for the purpose of influencing an official action of the FHA, and of the Commissioner, and may be relied upon by the Commissioner as a true statement of the facts contained therein. I certify that my review was in compliance with HUD program and processing requirements applicable on the date of my review and that I have no financial interest or family relationship with the officers, directors, shareholders, members or partners of the Lender or affiliated entities, Borrower or affiliated entities, the General Contractor, any subcontractors, the buyer or seller of the proposed property and that I have not engaged in any business that might present a conflict of interest.

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 administrative sanctions, including fines, penalties, and/or imprisonment under applicable federal law, including but not limited to 12 U.S.C. §§ 1708 and 1735f-14, and 1833a; 18 U.S.C. §§1001, 1006, 1010, 1012, and 1014; and 31 U.S.C. §§3729 and 3802.



David Hanley
Principal
Hanley Environmental, PLLC

Declaration Date: October 2, 2023

8.0 NON-SCOPE SERVICES

Pursuant to ASTM E1527-21, recommendations (e.g., for additional assessment or considerations to address business environmental risks) are not required to be included in this report. Hanley Environmental can provide such recommendations to the User upon request.

The following non-ASTM scope environmental issues are addressed by the HUD Environmental Review Online System (HEROS) to document compliance with NEPA and other Environmental Federal laws, authorities, Executive Orders, and HUD Standards. Evaluations were performed related to these issues as described in the following sections.

8.1 Vapor Encroachment Screening

A Tier 1 vapor encroachment screen was performed in accordance with ASTM E2600-15 "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions". This screening involved assessment of known or suspected contaminated sites within certain radii from the subject property.

The ERIS Xplorer Vapor Screening Tool was used to generate a *Vapor Screening Report* which is included in **Appendix D**. Radii selected for this screening are listed in the *Vapor Screening Report*. A gradient toward the east-southeast was selected based on groundwater flow direction data from the Mini Mart site and area topography.

The Mini Mart facility located at 10447 Wilson Boulevard was located approximately 500 feet north-northwest of the subject property, across Wilson Boulevard and at a similar topographic elevation to the subject property. The facility was listed on the state LUST database and UST database. The Mini Mart incident is within 1/10-mile of the subject property and presents a vapor encroachment concern for the subject property.

Previous assessment activities at the subject property identified volatile constituents in groundwater and soil gas which were considered likely to have originated at least partially from the Mini Mart release. A *Limited Phase II Environmental Site Assessment Report* dated February 2, 2023, prepared by Hanley Environmental concluded that assessment data indicated the potential for soil gas to indoor air vapor intrusion to result in unacceptable risk levels for future buildings under a residential use scenario. The report stated that this risk could be addressed with appropriate engineering controls such as vapor intrusion mitigation systems at planned buildings.

8.2 Lead-Based Paint

No structures were present on the subject property, and therefore lead-based paint is not considered to be a concern.

8.3 Asbestos

No structures were present on the subject property, and therefore asbestos-containing materials are not considered to be a concern.

8.4 Radon

Radon is a colorless, odorless gas that is a decay product of uranium, a common constituent of soil and rock. Under certain natural conditions, radon gas can be found in soil gas in the

vadose zone which has the potential to enter buildings. When radon enters a building, occupants may be exposed to radon and its decay products through inhalation. Radon decay products release subatomic particle radiation which can cause mutations in lung tissue which can lead to lung cancer. The risk to occupants increases with the concentration of radon in the indoor air of a building. The US EPA recommends radon mitigation for buildings with radon concentrations at 4 picocuries per liter of air (pCi/L) or greater.

The US EPA developed a map of radon zones to assist with identifying areas with the potential for elevated indoor radon levels. The map was developed using data on indoor radon measurements, geology, aerial radioactivity, soil parameters, and foundation types. It should not be used to determine if individual homes need to be tested but provides guidance on areas with higher risk of radon exposure.

The US EPA radon zone map categorizes Richland County as radon Zone 3. Zone 3 has a predicted average indoor radon concentration less than 2 pCi/L. Federal Area Radon Information for Richland County based on 87 measurements indicated that 1% of measurements exceeded 4 pCi/L.

8.5 Historic Preservation

Hanley Environmental reviewed the US Department of Interior National Park Service National Register of Historic Places web based map. No records of historic places were identified at the subject property, immediate vicinity, nor within an approximately one mile radius of the subject property.

Hanley Environmental reviewed SC ArchSite, the online Geographic Information System that combines archaeological site file information maintained by the SC Institute of Archaeology and Anthropology and above-ground historic and architectural properties information maintained by the SC Department of Archives and History. This tool can be used to assess whether a cultural resources survey has been performed and/or if cultural resources and/or historic properties are recorded within a specific area. No records of performance of a

cultural resources survey, cultural resources, or historic properties were identified at the subject property or immediate vicinity. Records are included in **Appendix B**.

8.6 Floodplain Management and Flood Insurance

Hanley Environmental reviewed the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map for Richland County, South Carolina and Incorporated Areas, Panel 137 of 650, which included the subject property. The subject property was classified as Unshaded Zone X which is defined to include areas determined to be outside the 0.2% annual chance floodplain. The Flood Insurance Rate Map is included in **Appendix B**.

Based on the floodplain classification of the subject property, a requirement for flood insurance under the HUD MAP Guide is not anticipated.

8.7 Wetlands Protection

The HUD MAP Guide defines wetlands as those areas that are inundated by surface or groundwater with a frequency sufficient to support, and under normal circumstances does or would support, a prevalence of vegetative or aquatic life that requires saturated or seasonally saturated soil conditions for growth and reproduction. Wetlands generally include swamps, marshes, bogs, and similar areas such as sloughs, potholes, wet meadows, river overflows, mud flats, and natural ponds. This definition includes both wetlands subject to and those not subject to section 404 of the Clean Water Act (i.e. jurisdictional and non-jurisdictional wetlands). Development or disturbance of wetlands are prohibited unless there is no practicable alternative and the proposed action includes all practicable measures to minimize harm to the wetland.

The US Fish and Wildlife Service's National Wetlands Inventory (NWI) is used as a primary screening tool for wetland identification. Hanley Environmental reviewed the NWI Wetlands Mapper (**Appendix B**) which did not identify wetlands or other waterbodies on the subject property. USGS topographic maps reviewed also did not indicate the presence of wetlands at the subject property.

During site reconnaissance, which was performed during a rain event, standing water was observed in a drainage ditch near the southwestern portion of the subject property. The drainage ditch led off-property into a culvert extending to the west beneath Wilson Boulevard. Flagging marked "Wetlands" was identified on the subject property near the drainage ditch. The scope or purpose of a possible wetland delineation associated with this flagging was unknown, and only one flag was observed.

The scope of the current assessment did not include a formal wetland and waterbody delineation (e.g., to identify Waters of the United States for the purpose of 401/404 permitting). A formal wetland and waterbody delineation would confirm the presence of the suspected wetlands at the subject property.

8.8 Noise Analysis

For proposed new construction in high noise areas, HUD requires incorporation of noise mitigation features. Consideration of noise applies to the acquisition of undeveloped land and existing development as well. Sites where environmental or community noise exposure exceeds the day-night average sound level (DNL) of 65 decibels (dB) are considered noise-impacted areas. For new construction that is proposed in high noise areas, grantees shall incorporate noise attenuation features.

The "Normally Unacceptable" noise zone includes community noise levels from above 65 decibels to 75 decibels. Approvals in this noise zone require a minimum of 5 dB additional sound attenuation for buildings having noise-sensitive uses if the day-night average sound level is greater than 65 dB but does not exceed 70 dB, or a minimum of 10 decibels of additional sound attenuation if the day-night average sound level is greater than 70 dB but does not exceed 75 dB.

Locations with day-night average noise levels above 75 dB have "Unacceptable" noise exposure. For new construction, noise attenuation measures in these locations require special approval. The acceptance of such locations normally requires an environmental

impact statement. In "Unacceptable" noise zones, HUD strongly encourages conversion of noise-exposed sites to land uses compatible with the high noise levels.

Hanley Environmental used the HUD Exchange Day/Night Noise Level Calculator to calculate DNL from roadway and railway traffic (**Appendix B**). The following noise sources were input into the calculator:

- Wilson Boulevard was located approximately 521 feet from the nearest planned building based on a conceptual site plan provided by the Client. Traffic count data for this road was obtained from the SC Department of Transportation, along with hourly data to estimate the fraction of traffic occurring at night, and percentage of truck traffic.
- Farrow Road was located approximately 158 feet from the nearest planned building based on a conceptual site place provided by the Client. Traffic count data for this road was obtained from the SC Department of Transportation, along with hourly data to estimate the fraction of traffic occurring at night, and percentage of truck traffic.
- A Norfolk Southern railway was located approximately 619 feet northeast of the nearest planned building based on a conceptual site place provided by the Client. A US Department of Transportation Crossing Inventory Form was reviewed to obtain information on daily and nightly train traffic.

Fairfield County Airport, located approximately 12 miles northwest of the subject property, was a small municipal airport typically serving small aircraft. Based on the distance and type of airport, noise associated with this airport is not considered likely to have an impact on the subject property.

The combined DNL calculated was 63 dB which is considered acceptable by HUD (<65 dB).

8.9 Explosive/Flammable Hazards

Site reconnaissance and regulatory database and file review information did not identify explosive or flammable hazards that could create unacceptable risk to the subject property by proximity. The regulatory database review did not identify AST facilities within a one-mile radius of the subject property. Hanley Environmental reviewed the National Pipeline Mapping System Public Map Viewer (**Appendix B**) which did not identify gas transmission pipelines, hazardous liquid pipelines, liquefied natural gas (LNG) plants, breakout tanks, or other potential explosive/flammable hazards within a one mile radius of the subject property.

8.10 Air Quality

The Clean Air Act is administered by the US EPA, which sets National Ambient Air Quality Standards (NAAQS). These are limits on certain “criteria” air pollutants, including limits on how much of these pollutants can be in the air anywhere in the United States. Geographic areas that are in compliance with standards are called “attainment areas,” while areas that do not meet standards are called “nonattainment” areas.

Hanley Environmental reviewed information from the US EPA Green Book on Nonattainment Areas for Criteria Pollutants (**Appendix B**). Richland County was not classified as an attainment area or maintenance area for criteria pollutants.

8.11 Airport Hazards

Potential aircraft accident problems pose a hazard to property users. It is HUD’s policy to apply standards to prevent incompatible development around civil airports and military airfields. If a property is located near an airport or in the immediate area of the landing and approach zones, additional information is necessary to determine whether this issue is a concern and if so, how to mitigate it.

Review of aerial photographs, topographic maps, and observations during site reconnaissance did not identify a civilian airport within 2,500 feet or a military airport within

15,000 feet of the subject property. Based on this finding, the subject property has not been identified to be within specified distances that would be a concern for potential aircraft accident problems for HUD.

8.12 Coastal Barriers

The Coastal Barrier Resources Act (CBRA) of 1982 designated relatively undeveloped coastal barriers along the Atlantic and Gulf coasts as part of the John H. Chafee Coastal Barrier Resources System (CBRS) and made these areas ineligible for most new Federal expenditures and financial assistance.

Hanley Environmental reviewed the US FWS CBRS Mapper (**Appendix B**) which indicated that the subject property was not within a System Unit.

8.13 Coastal Zone Management

The Coastal Zone Management Program (CZMP) is authorized by the Coastal Zone Management Act (CZMA) of 1972 (16 U.S.C. 1451 et seq) and administered at the federal level by the Coastal Programs Division within the National Oceanic and Atmospheric Administration's Office of Ocean and Coastal Resource Management (NOAA-OCRM). Projects that can affect the coastal zone must be carried out in a manner consistent with the state coastal zone management program.

According to the NOAA-OCRM, the South Carolina Coastal Management Program was approved by NOAA in 1979, and the lead agency is SC DHEC. The primary authority for the coastal management program is the 1977 Coastal Tidelands and Wetlands Act. The South Carolina coastal zone includes all lands and waters in the counties of the state that contain any one or more "critical areas," which are defined as coastal waters, tidelands, beaches, and beach/dune system. Hanley Environmental reviewed South Carolina Coastal Management Program information and identified that Richland County is not located within a coastal zone.

8.14 Endangered Species

The Endangered Species Act (ESA) of 1973, as amended, and its implementing regulations were designed to protect and recover species in danger of extinction and the ecosystems that they depend upon. The ESA is jointly administered by the Secretaries of the Interior and Commerce. The U.S. Fish and Wildlife Service (FWS) is responsible for terrestrial and freshwater species and the National Marine Fisheries Service (NMFS) is responsible for marine species and anadromous fish, such as salmon. Collectively referred to as the Services, these offices are responsible for listing species under their authority as threatened or endangered as appropriate. An environmental review conducted pursuant to the HUD MAP Guide must consider potential impacts of the HUD-assisted project to endangered and threatened species and critical habitats. The review must evaluate potential impacts not only to any listed but also to any proposed endangered or threatened species and critical habitats.

An official species list for the subject property was previously obtained from the US FWS as part of a previous Phase I ESA prepared by Arkose Environmental, Inc., dated November 4, 2022 (included in **Appendix B**). Hanley Environmental used the US FWS Information for Planning and Consultation (IPaC) online tool to identify endangered species potentially affected by activities at the subject property and verify that no additional species were listed beyond what was included in the previous report. The IPaC indicated that there are no critical habitats at the subject property. The following listed species or species that are candidates for listing were identified as potentially occurring in the region of the subject property.

- Red-cockaded Woodpecker (*Picoides borealis*) – Endangered
- Wood Stork (*Mycteria americana*) – Threatened
- Monarch Butterfly (*Danaus plexippus*) – Candidate
- Canby's Dropwort (*Oxypolis canbyi*) – Endangered
- Rough-leaved Loostripe (*Lysimachia asperulaefolia*) – Endangered
- Smooth Coneflower (*Echinacea laevigata*) – Threatened

The previous Phase I ESA reported that each of the listed species was not encountered during Arkose Environmental's site reconnaissance. Additionally, each of these listed species was not encountered during Hanley Environmental's site reconnaissance as part of this assessment. Note that this Phase I ESA site reconnaissance did not entail a comprehensive survey for threatened or endangered species.

8.15 Farmlands Protection

The purpose of the Farmland Protection Policy Act is to minimize the effect of Federal programs on the unnecessary and irreversible conversion of farmland to nonagricultural uses. Land that meets the definition of prime or unique farmlands or is determined to be of statewide or local significance (with concurrence by the U.S. Secretary of Agriculture) is subject to the Act. In some states agricultural lands are protected from development by agricultural districting, zoning provisions, or special tax districts.

The site is not currently used for farmland. Hanley Environmental reviewed the 2010 Census Urbanized Area Reference Map: Columbia, South Carolina (**Appendix B**) which classified the subject property as Urbanized Area. Since the subject property consists of land already in or committed to urban development, the subject property is exempt from compliance with the Farmland Protection Policy Act (per 7 CFR 658.2).

8.16 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. Sole Source Aquifer designations are one tool to protect drinking water supplies in areas where alternatives to the groundwater resource are few, cost-prohibitive, or nonexistent. The designation protects an area's ground water resource by requiring US EPA review of any proposed projects within the designated area that are receiving federal financial assistance. All proposed projects receiving federal funds are subject to review to ensure they do not endanger the water source.

Hanley Environmental reviewed the US EPA regional Sole Source Aquifer map of the subject property area (**Appendix B**). The subject property was not identified as being located within a sole source aquifer area.

8.17 Wild and Scenic Rivers

The Wild and Scenic Rivers Act (16 U.S.C. 1271-1287) 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). NWSRS was created by Congress in 1968 (Public Law 90-542; 16 U.S.C. 1271 et seq., as amended) to preserve certain rivers with outstanding natural, cultural, and recreational values in a free-flowing condition for the enjoyment of present and future generations.

HUD-assisted activities are subject to the requirements of the Wild and Scenic Rivers Act (16 U.S.C. 1271 et seq.). The environmental review must evaluate the potential to impact any listed Wild and Scenic River when the assisted project is within proximity to a listed natural resource.

Hanley Environmental Reviewed the NWSRS online list of designated rivers and list of wild and scenic river studies (**Appendix B**). No wild and scenic rivers or rivers under study were identified in the vicinity of the subject property.

8.18 Environmental Justice

Environmental justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, disability, or income, including tribal persons, with respect to both positive and negative environmental and health impacts of a project. Executive Order 12898, "Federal Actions to Address Environmental Justice in Minority Populations and Low-income Populations" (2/94) requires certain federal agencies, including HUD, to consider how federally assisted projects may have disproportionately high and adverse human health or environmental effects on minority and/or low-income populations.

The subject property has documented impacts to groundwater and soil gas that have likely migrated onto the property from off-site sources. The subject property is currently vacant and unused. Future development of the subject property may require appropriate engineering or institutional controls to prevent unacceptable risk to occupants from existing environmental contamination. With appropriate engineering or institutional controls to mitigate exposure to contamination, future redevelopment would not create an adverse and disproportionate environmental impact or aggravate an existing impact. Redevelopment with appropriate controls would allow for safe use of the subject property.

8.19 Additional Hazards and Nuisances

Based on observations during site reconnaissance and information reviewed as part of this assessment, natural hazards (e.g., faults/fractures, volcanoes, cliffs, bluffs, poisonous plants/insects/animals) were not identified at the subject property. Significant air pollution generators such as heavy industry, incinerators, or power-generating plants were not identified at the subject property or adjoining properties. Man-made site hazards such as dumps/landfills, high-pressure gas or liquid petroleum transmission lines, and oil or gas wells were not identified. The scope of this assessment was limited, and assessment of possible hazards and nuisances was not exhaustive.

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Hanley Environmental, PLLC

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December 19, 2023

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Brownfields Program
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**Subject: Environmental Investigation Report
Storey Property
10424 Wilson Boulevard
Blythewood, Richland County, South Carolina
Voluntary Cleanup Contract 23-7758-NRP
Hanley Environmental Project Number: PJ22040**

Ms. Owens,

Hanley Environmental, PLLC is pleased to provide the enclosed Environmental Investigation Report for the Storey Property located at 10424 Wilson Boulevard, Blythewood, Richland County, South Carolina. This report has been prepared pursuant to Voluntary Cleanup Contract 23-7758-NRP. Please do not hesitate to contact the undersigned with any questions regarding this submittal.

Sincerely,

A handwritten signature in black ink, appearing to read "Nick Hotzelt".

Nick Hotzelt, PE
Project Engineer

A handwritten signature in black ink, appearing to read "David Hanley".

David Hanley, PE
Principal Engineer

Cc: Michael S. Byron, Pedcor
Lesley A. Firestone, Moore & Van Allen

ENVIRONMENTAL INVESTIGATION REPORT

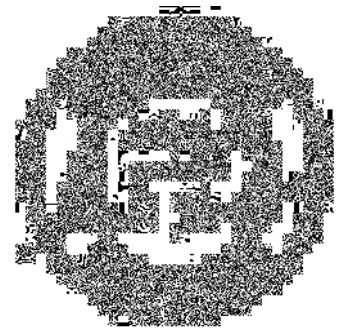
Storey Property

**10424 Wilson Boulevard
Blythewood, South Carolina
Voluntary Cleanup Contract 23-7758-NRP
Project Number: PJ22040**

December 19, 2023

Prepared for:

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1.0 INTRODUCTION

This Environmental Investigation Report presents methods and results of an environmental investigation at the Storey Property located at 10424 Wilson Boulevard, Blythewood, Richland County, South Carolina (the site). The site is planned to be developed by Pedcor Investments-2023-CXCIII, L.P. (Pedcor). Pedcor intends to develop, build, and manage for the long-term a Section 42 Low Income Housing Tax Credit (LIHTC) workforce housing community consisting of 216 affordable apartment units with a fully-amenitized clubhouse, exercise facility, computer and business center, swimming pool, playground, and other amenities for use by tenants and their guests. Nine apartment buildings and one clubhouse building are proposed.

Environmental investigation activities conducted as part of property transaction due diligence identified impacts to groundwater and soil gas suspected to originate from off-site sources. Pedcor entered into Voluntary Cleanup Contract (VCC) 23-7758-NRP with the South Carolina Department of Health and Environmental Control (SC DHEC) as a non-responsible party pursuant to the Brownfields/Voluntary Cleanup Program and agreed to conduct certain response actions related to existing contamination at the site to provide for safe development of the site and to obtain related protections and benefits. This Environmental Investigation Report is intended to satisfy requirements of the VCC related to environmental investigation/assessment.

1.1 Site Description

The site consists of one parcel (parcel ID R15000-05-04) with an area of approximately 22.8 acres. A map depicting the site vicinity is included as **Figure 1**. The site is bounded generally by a commercial truck parking lot to the north with residences beyond; to the east by a fitness center, HVAC contractor office, automotive body shop, and vacant, wooded land with Farrow Road beyond; to the south by truck parking and vacant land with a plant nursery and building material manufacturer located beyond; and to the west by Wilson Boulevard with

residences beyond. The site is currently vacant, wooded land. Site improvements include fencing along the northern property boundary and a portion of the eastern property boundary. Electrical transmission lines are located along the western property boundary.

1.2 Previous Assessment Summary

Environmental assessment activities performed at the site are summarized in the documents listed below.

- Phase I Environmental Site Assessments (ESAs) dated March 8, 2005, prepared by Alternative Construction & Environmental Solutions, Inc.
- Phase I ESA dated November 4, 2022, prepared by Arkose Environmental, Inc.
- Limited Phase II ESA dated February 2, 2023, prepared by Hanley Environmental, PLLC.
- Phase I ESA dated June 12, 2023, prepared by Hanley Environmental, PLLC.

Mini Mart located at 10447 Wilson Boulevard was located approximately 500 feet north-northwest of the site, across Wilson Boulevard and at a similar topographic elevation to the site. The facility was listed on the state underground storage tank (UST) database and leaking UST (LUST) database. A release of petroleum was reported on January 10, 1992, with corrective actions ongoing. A *Corrective Action System Evaluation Report #16* dated July 11, 2022, was prepared by Midlands Environmental Consultants, Inc. The report indicated that a release of petroleum product was reported in January of 1992. Groundwater assessment activities identified free phase petroleum in the vicinity of the facility and a dissolved phase groundwater plume extending away from the facility. The groundwater flow direction in the intermediate aquifer zone was to the east and southeast, toward the site. Four groundwater monitoring wells were historically present within approximately 50 feet of the northern site boundary. Concentrations of benzene, toluene, ethylbenzene, xylenes, naphthalene, and methyl tert-butyl ether (MTBE) were historically detected in these wells. Two of the four wells (MW-38i and DW-4) still existed in 2022 and did not have detections of analyzed constituents in the most recently reported (July 2021) sampling event.

The Phase I ESA completed in November 2022 identified the LUST incident associated with the Mini Mart to represent evidence of a recognized environmental condition.

The February 2023 Limited Phase II ESA was performed to assess whether groundwater impacts were present at the site, and to better understand the risk of vapor intrusion at future site buildings. Data summary excerpts from the Limited Phase II ESA are included in **Appendix A**. The assessment included collection and analysis of groundwater samples from three temporary monitoring wells near the northern property boundary, and three soil gas samples from near the planned locations of the northernmost future site buildings. Analytical results indicated the presence of tetrachloroethylene, toluene, MTBE, and acetone at concentrations above laboratory method detection limits in groundwater samples collected at the site. Concentrations detected in groundwater did not exceed US EPA Maximum Contaminant Levels (MCLs) or Target Groundwater Vapor Intrusion Screening Levels (VISLs). Soil gas results indicated benzene, 1,3-butadiene, ethylbenzene, heptane, naphthalene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, o-xylene, m,p-xylene, and xylenes (total) in soil gas at concentrations above the EPA Target Sub-slab Near-Source Soil Gas VISLs. Several other compounds were detected in each soil gas sample at concentrations below Target VISLs. The EPA VISL Calculator indicated a carcinogenic risk of 8.32×10^{-5} and a non-carcinogenic hazard index of 5.27. The hazard index exceeded the acceptable risk threshold. The report concluded that constituents associated with the Mini Mart LUST release had likely migrated onto the site.

The Phase I ESA dated June 12, 2023, identified the impacts in site groundwater and soil gas detected during the Limited Phase II ESA Report as a recognized environmental condition. The impacts were considered likely to have originated at least partially from the Mini Mart LUST incident.

1.3 Assessment Objectives

The objectives of the assessment described in this Environmental Investigation Report were intended to satisfy assessment requirements of the VCC, and to provide environmental data

to support development of reasonable contamination control measures in advance of site development. To meet assessment objectives, the following general investigation components were conducted at the site:

- performance of a well survey in the site vicinity;
- assessment of waste materials and segregated sources at the site;
- assessment of site soil quality;
- assessment of site groundwater quality; and,
- assessment of vapor intrusion potential at future site buildings.

Field activities were conducted pursuant to the Investigation Work Plan - Revision 1 dated August 23, 2023, and Health and Safety Plan dated August 4, 2023. The Investigation Work Plan was approved by SC DHEC on August 24, 2023. Deviations from the approved Investigation Work Plan are discussed in the following sections.

2.0 ASSESSMENT PROCEDURES

The following sections provide information on investigation procedures, sampling locations, quantities, and general rationale. **Table 1** provides a summary of executed sampling and analyses. A map depicting sample locations is included as **Figure 2**. Sample locations were slightly adjusted in the field from locations in the approved Investigation Work Plan based on overgrown vegetation which affected access for sample collection. Procedures for sample collection of each medium are described below and generally follow the US EPA Region IV Field Branches Quality System and Technical Procedures, and US EPA OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air dated June 2015, and supplemental EPA guidance ("Vapor Intrusion Technical Guide").

2.1 Well Survey

A well survey was performed in the site vicinity to identify groundwater wells that may serve as potential receptors at or near the site. The goal of the survey was to identify public and

private wells used for drinking water supply within a one-half mile radius of the site boundary, and wells used for irrigation or other non-drinking water use within a one-quarter mile radius of the property boundary. Well survey procedures included a windshield survey on publicly accessible roads to visually identify potential wells and the presence or absence of meter boxes indicating that properties are connected to a public water supply, and a desktop review of publicly available information from local governmental sources. The desktop review included review of the SC DHEC Public Water Supply Wells Geographic Information System (GIS) online map and an interview with a representative of Richland County Utilities. Hanley Environmental submitted a Freedom of Information Act (FOIA) request to SC DHEC for information related to groundwater wells for properties within ½-mile radius of the site. The results of the well survey are presented in Section 3.1.

2.2 Waste Materials and Segregated Sources Assessment

The VCC defines waste materials as any contamination-causing solid, semi-solid, or liquid material discarded, buried, or otherwise present on the property, and may include sludge, slag, or solid waste materials such as empty containers and demolition debris or materials containing asbestos, lead-based paint, or petroleum or other contaminants. Segregated sources are defined as drums, tanks, or similar discrete containers that potentially hold substances that may cause contamination upon release to the environment. Waste materials and segregated sources were not identified at the site during investigation activities.

As described in the approved Investigation Work Plan, waste materials and segregated sources that are identified at the site during development activities will be characterized for disposal. Characterization will be performed in accordance with applicable regulations, and the analyses performed will depend on the nature of materials identified. Characterization may include hazardous waste classification, asbestos assessment, or other analyses. Characterization and disposal will be documented in submittals to SC DHEC.

2.3 Soil Quality Assessment

Soil sampling was conducted at 12 locations at the site to evaluate current soil conditions. A surficial soil sample (0-1 ft bgs) and subsurface soil sample (2-3 ft bgs) were collected from each location. Select samples were composited prior to analysis, and others were analyzed separately as grab samples, as specified on **Table 1**. Up to four surficial soil samples and four subsurface soil samples were composited prior to analysis, resulting in a total of three composite surficial soil samples and three composite subsurface soil samples submitted for analysis. One sample location associated with each composite sample that exhibited the highest potential for impact based on field screening was submitted as an undisturbed grab sample for analysis of VOCs. Based on field screening, grab samples for VOC analysis for S-2, S-3, and S-4 were submitted from borings S-2-2, S-3-3, and S-4-2, respectively.

At each composite sample location, separate grab samples were also collected and submitted to the laboratory on hold for possible future analysis. These grab samples were not analyzed based on the lack of elevated constituent concentrations identified in corresponding composite samples as discussed in Section 3.2. In addition to composite samples, surficial and subsurface soil grab samples were collected from one location (S-1) in the northwestern corner of the property.

Samples were collected using a stainless steel, decontaminated hand auger. Field personnel screened soil samples with a daily-calibrated photoionization detector (PID) and logged soil lithology. Soil lithology and PID readings are provided on soil borings attached in **Appendix B**. Soil cuttings were containerized in a stainless steel, 55-gallon drum, which was labeled and staged on-site pending characterization and off-site disposal.

Soil samples were labeled with sample identification, date, and requested analyses, and placed in a cooler with ice. The samples were delivered to the laboratory under standard chain of custody protocol and were analyzed for the following:

- Surficial soil samples were analyzed for the full EPA Target Analyte List (TAL)-Metals (with chromium speciation to analyze for hexavalent chromium) and the full EPA Target Compound List (TCL)-SVOCs.
- Subsurface soil samples were analyzed for TAL-Metals (with chromium speciation to analyze for hexavalent chromium), TCL-VOCs, and TCL-SVOCs.
- One surface and one subsurface sample (S-1, in the northwestern corner of the property) was analyzed for the full EPA-TAL (including cyanide) and full EPA-TCL (VOCs, SVOCs, Pesticides, and PCBs [Aroclors]).

Following soil sample collection, soil borings were abandoned in accordance with state requirements. Soil boring locations were recorded using a hand-held global positioning system (GPS) unit.

2.4 Groundwater Quality Assessment

Groundwater samples were collected for laboratory analyses from five temporary groundwater monitoring wells installed as one well pair and three singular wells at the site at approximate locations shown on **Figure 2**. Well locations were selected to meet the requirements specified in the VCC and included the following locations:

- Well pair (TMW-3s/TMW-3i) located near the northwestern corner of the property.
- One singular well (TMW-6) near the southeastern corner of the property.
- One singular well (TMW-5) in the central-southwestern portion of the property.
- One singular well (TMW-4) near the western boundary of the property.

Prior to well installation, a Temporary Monitoring Well Approval was granted by SC DHEC dated August 24, 2023. South Carolina 811 was contacted to mark public utilities that may be present at the site. Additionally, a private utility locator was contracted to clear planned drilling locations using geophysical methods including ground penetrating radar and electromagnetics. During drilling, cuttings were collected, lithology was logged, and soil was field screened with a PID. Soil boring logs are provided in **Appendix B**. The wells were

installed as temporary monitoring wells constructed from 1-inch diameter PVC with 5 ft or 10 ft screened sections. Above the screens, solid riser piping extended to the ground surface. A sand filter pack was installed to approximately two feet above the screened zone, with a minimum 3-ft long hydrated bentonite seal above the filter pack.

A South Carolina-licensed surveyor surveyed locations and elevations of temporary groundwater monitoring wells to allow for evaluation of groundwater flow direction and development of a potentiometric surface map. A decontaminated, electronic water level indicator was used to measure the depth to the groundwater table relative to the ground surface and top of casing prior to purging the wells. Based on measured groundwater depths and surveyed monitoring well elevations, the groundwater gradient appears to slope gently to the east and west from the center of the site as shown on **Figure 3**. The groundwater gradient generally agrees with the United States Geological Survey (UGSG) topographic map of Blythewood which depicts the site as generally flat and situated on a topographic ridge, sloping gently to the east and west.

Following groundwater measurement, the monitoring wells TMW-3s, TMW-3i, and TMW-5 were purged of a minimum of three well volumes during well development. Temporary monitoring wells TMW-4 and TMW-6 were purged dry during development after removal of approximately one well volume due to slow aquifer recharge at these locations. Contributing factors for slow recharge at these locations may include low permeability soil layers, fine-grained soils, and/or the presence of confining layer that restricts the movement of groundwater (see boring logs in **Appendix B**). The slow recharge at these locations may also affect the groundwater gradient depicted in **Figure 3** if groundwater elevation measurements did not represent static conditions.

Groundwater sampling was conducted in general accordance with the USEPA Region 4 Operating Procedure for Groundwater Sampling dated April 26, 2017. Low-flow sampling methods were employed using a peristaltic pump. The pump inlet was placed within the screened interval and groundwater was purged at approximately 100 to 200 milliliters per

minute. Field parameters were measured and recorded at regular intervals to assess stabilization. Stabilization was considered to have occurred when three consecutive readings showed the pH remained within 0.1 standard unit (SU), specific conductance varied no more than 5%, dissolved oxygen (DO) was within 0.2 milligrams per liter, and turbidity stabilized within 10%. Hanley Environmental made attempts to purge groundwater until turbidity was below 10 Nephelometric Turbidity Units (NTU) which was achieved at monitoring wells TMW-3s and TMW-3i. Turbidity stabilized or was recorded above 50 NTU at other monitoring well locations indicating the potential for soil particles to affect metals concentrations in groundwater samples. At monitoring wells TMW-4 and TMW-6, where aquifer recharge was limiting, one reading was collected for field parameters at the time of sampling. The groundwater sampling forms are provided in **Appendix C**. Purged groundwater was containerized in a stainless steel, 55-gallon drum, which was labeled and staged on-site pending characterization and off-site disposal.

The groundwater samples were labeled with sample identification, date, and requested analyses, and placed in a cooler with ice. The samples were delivered to the laboratory under standard chain of custody protocol and analyzed for the following:

- The full EPA TAL for metals,
 - Analysis of samples from MW-3s and MW-3i included cyanide,
- The full EPA TCL-VOCs,
- The full EPA TCL-SVOCs.
- Analysis of MW-3s and MW-3i also included the full EPA TCL Pesticides and PCBs (Aroclors).

Temporary groundwater monitoring wells were abandoned after sample collection and surveying in accordance with applicable regulations. Copies of the SC DHEC 1903 forms for temporary monitoring wells are provided as **Appendix D**.

2.5 Vapor Intrusion Potential Assessment

Soil gas data was collected to evaluate the potential for vapor intrusion which may need to be addressed during redevelopment. Seven soil gas samples were collected from the locations of planned building footprints, with one sample from each building which was not previously sampled during Phase II ESA activities (**Figure 2**). Exterior soil gas samples were collected from approximately 6 ft bgs in general accordance with the EPA Vapor Intrusion Technical Guide. Temporary soil gas sampling points were installed by DPT drilling methods with total boring depths of 6 ft bgs. Soil gas probes consisted of a 6-inch length screened soil gas sampling implant connected to ¼-inch diameter Teflon® tubing which extended to the ground surface for sample collection. A sand filter-pack was placed around the sampling implants to a height of approximately six inches above the screen (top of sand filter-pack was at 5 ft bgs). Hydrated bentonite was placed above the screen to near the ground surface.

Summa® canisters with 1.4-liter capacity, batch certified by the laboratory were used to collect soil gas samples. Canisters were inspected prior to sampling to verify that vacuum levels were within 10% of the level recorded by the laboratory prior to shipment. Dedicated tubing and flow controllers were used at each sample collection point. Sampling points were purged of stagnant air at a rate of no more than 200 milliliters per minute (mL/min). At least three sample train volumes of air were purged prior to sampling. During purging, the sample canister and tubing was surrounded with a shroud consisting of a plastic container. The container was filled with helium and helium concentrations were measured using a Dielectric MGD 2002 helium detector (or similar). Purged vapors were collected in Tedlar® bags using a syringe and three-way valve. The helium concentration of the vapor in the Tedlar® bags was measured to verify the concentration of helium in extracted vapors was less than 10% of the helium concentration in the shroud.

Following purging and leak testing, a soil gas sample was collected into the sample canister at an approximate flow rate of 140 mL/min. A target final vacuum level of approximately 5

inches of mercury (in Hg) vacuum was used, and the laboratory verified canisters were reached with measurable vacuum.

After sampling, the canisters were transported under chain-of-custody protocols via courier to Waypoint Analytical, LLC in Charlotte, North Carolina. Soil gas samples were analyzed for VOCs by USEPA Method TO-15.

3.0 ASSESSMENT RESULTS

The soil, groundwater, and soil gas results are summarized in **Tables 3 through 5**, respectively. Sample locations are provided on **Figure 2**. Laboratory analytical reports and chain-of-custody records are included in **Appendix E**.

3.1 Well Survey

Hanley Environmental conducted a well survey in accordance with the VCC. The well survey included a pedestrian and windshield survey performed on October 4, 2023, and a desktop review to obtain information regarding water supply wells located within a ½-mile radius of the site. Results of the well survey are provided on **Figure 4**.

Municipal water supplied by Richland County and the City of Columbia is available to the subject site and surrounding area. The SC DHEC Public Water Supply Well GIS online map indicated public water supply wells at one property within ½-mile radius of the site, the Stop N Shop property located at 10447 Wilson Blvd approximately 350 feet northwest of the subject property. The Stop N Shop is a location of active groundwater monitoring and remediation related to a release incident. Hanley Environmental conducted a walking and windshield survey of properties within ½-mile radius of the site to identify potential private water supply wells. During the walking and windshield survey activities, Hanley Environmental observed municipal water meters and fire hydrants along roadsides of properties in the area of the site.

Two nearby properties were identified that have the potential to use private water supply wells because they are not connected to municipal water. The properties are listed at 10429

Wilson Boulevard and 1028 Entzminger Road, Blythewood, South Carolina. The property at 10429 Wilson Boulevard is located adjacent to the west beyond Wilson Boulevard and the property at 1028 Entzminger Road is approximately 880 feet west-southwest of the site. Representatives of Richland County Utilities and City of Columbia indicated that these properties are not connected to the municipal water source. Locations of these addresses are shown on **Figure 4**.

SC DHEC responded to Hanley Environmental's FOIA request on November 30, 2023. Records indicate water supply well permits for eight properties within ½-mile of the site boundary. Information provided by SC DHEC regarding the wells was limited. Stop N Shop and the properties identified as having potential to use private water supply wells were not listed on the information received from SC DHEC. The locations of properties with potential water supply wells are provided on **Figure 4** and the well information provided by SC DHEC is included as **Appendix F**.

3.2 Soil Quality

Soil results are summarized in **Table 3** and were compared to the EPA Region 4 Regional Screening Levels (RSLs) for resident and industrial use and the Protection of Groundwater Soil Screening Levels (SSLs). The Protection of Groundwater MCL-based SSL was used when available. The RSLs and SSLs are based on a target cancer risk (TCR) of 10^{-6} and a target hazard quotient (THQ) of 0.1. Metals concentrations were also compared to published regional background metals concentrations.

Analytical results indicated the presence of acetone in each soil sample analyzed at concentrations up to 0.036 micrograms per kilogram ($\mu\text{g}/\text{kg}$), which was below EPA RSLs. Methylene chloride was detected in one soil sample (S-4d) at an estimated concentration of 0.001 $\mu\text{g}/\text{kg}$ which was below the EPA RSLs. Acetone and methylene chloride are considered common laboratory-introduced contaminants or artifacts. No other VOCs or SVOCs were detected at concentrations above laboratory method detection limits.

Several metals were detected at concentrations exceeding their residential use RSLs and protection of groundwater SSLs including aluminum, arsenic, hexavalent chromium, iron, and thallium. Other metals detected at concentrations above the Protection of Groundwater SSL but below the residential use RSL included antimony, cobalt, manganese, nickel, selenium, and vanadium. With the exception of hexavalent chromium, each of the metals that were detected at concentrations above residential use RSLs and/or Protection of Groundwater SSLs were detected within the range of published background metal concentrations detected in South Carolina¹. While regional soil background concentrations for hexavalent chromium are not readily available in published literature, the concentrations observed were within the range of naturally occurring hexavalent chromium commonly observed in regional soils based on professional experience.

Cyanide was detected in both samples analyzed (S-1s and S-1d) at concentrations below its EPA RSLs.

No PCBs or pesticides were detected in samples analyzed for those constituents (S-1s and S-1d).

EPA RSLs are conservative and based on a TCR of 1×10^{-6} for carcinogenic risks and THQ of 0.1 for non-carcinogenic risks. To further evaluate the soil, Hanley Environmental utilized the EPA RSL Risk Calculator to calculate potential cumulative risks using detected concentrations of compounds identified in soil not attributed to natural background conditions. Calculations were completed for residential use exposure scenarios. The results of risk calculations are summarized in **Table 3** and risk calculator outputs are provided in **Appendix G**. As shown in **Table 3**, the calculated carcinogenic risk was 4.66×10^{-6} and the calculated hazard quotient for a child and adult were 0.0181 and 0.00733, respectively. The calculated risk levels were below the TCR and THQ.

¹ *Elements in South Carolina Inferred Background Soil and Stream Sediment Samples, South Carolina Geology, 1999, volume 41, page 11-25, authored by Judy L. Canova.*

3.3 Groundwater Quality

Groundwater results are summarized in **Table 4** and were compared to the EPA Maximum Contamination Levels (MCLs), and in the case that MCLs are not specified, the EPA RSL for Tapwater. Groundwater results were also compared to Target Groundwater Concentration Vapor Intrusion Screening Levels (VISLs) for residential use.

Analytical results indicated the presence of 1,4-dioxane at an estimated concentration of 30.3 micrograms per liter ($\mu\text{g/L}$) in the groundwater sample collected from the southeast corner of the site (TMW-6) which exceeded the EPA RSL for Tapwater ($0.46 \mu\text{g/L}$) but was below the Groundwater VISL ($2,860 \mu\text{g/L}$). Several other VOCs were detected at concentrations above laboratory method detection limits, but below MCLs/EPA RSLs, and Groundwater VISLs.

The compound 2,4,6-tribromophenol was detected at concentrations up to $81.34 \mu\text{g/L}$ in two groundwater samples; TMW-4 collected on the western boundary of the site and TMW-6 on the southeastern corner of the site. The detected concentrations of 2,4,6-tribromophenol exceeded the EPA RSL for Tapwater of $12 \mu\text{g/L}$. No other SVOCs were detected at concentrations above laboratory method detection limits.

Several metals including aluminum, cobalt, iron, lead, and manganese were detected at concentrations above their respective MCLs or Tapwater RSLs. Additionally, arsenic, barium, beryllium, calcium, chromium, copper, magnesium, nickel, potassium, sodium, thallium, vanadium, and zinc were detected at concentrations above laboratory method detection limits but below MCLs or RSLs.

Cyanide, PCBs, and pesticides were not detected in samples analyzed for these constituents (TMW-3s and TMW-3i).

3.4 Vapor Intrusion Potential

Soil gas laboratory results were compared to the EPA Residential Target Sub-Slab and Near-Source Soil Gas Concentration Screening Level (SGSL) based on a TCR of 1×10^{-6} and THQ of

0.1 dated November 2023. Previously collected soil gas results from the Phase II ESA in January 2023 are included with soil gas results from October 2023, summarized in **Table 5**.

Soil gas results from October 2023 indicated the presence of several VOCs at concentrations above laboratory reporting limits in each of the soil vapor samples collected. Chloroform was detected in three soil gas samples (SG-4, SG-6, and SG-8) at concentrations up to 9.69 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) which exceeded the Residential SGSL of $4.07 \mu\text{g}/\text{m}^3$. Benzene, 1,3-butadiene, carbon disulfide, ethylbenzene, heptane, 4-methyl-2-pentanone, naphthalene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and xylenes were detected exceeding the Residential SGSLs in the January 2023 soil gas samples.

1,3-butadiene detected in January 2023 soil gas samples is likely an artifact of the sampling process rather than a result of a release at the site. 1,3-butadiene is commonly detected in soil gas at concentrations above screening levels when DPT sampling is used and is a driver for vapor intrusion risk and decision making², which was the case at this site where it was detected above its SGSL in the three samples installed using DPT methods. This compound is an industrial chemical used in the production of synthetic rubber. It degrades rapidly, and therefore is not commonly found in soil or groundwater. When identified in soil gas, it is typically an artifact DPT sampling as a result of emission from the drilling equipment³ from friction heating during drilling. 1,3-butadiene was not detected above laboratory method detection limits in the seven soil gas samples installed using a hand auger. Based on the history of the site and surrounding properties, which were not expected to include the use of 1,3-butadiene, the low likelihood of 1,3-butadiene in the subsurface resulting from a release based on its unstable chemical properties, and the common identification of 1,3-

² Minnesota Pollution Control Agency Intrusion Screening Values Technical Support Document – January 2021 (<https://www.pca.state.mn.us/sites/default/files/c-rem3-12.pdf>).

³ Eklund, Brad, *Problematic Compounds in Vapor Intrusion Investigations*, January 2020 (<https://www.vaporpin.com/august-radon-news/problematiccompounds/>).

butadiene as an artifact of DPT sampling, which was performed at the site, 1,3-butadiene is not considered to present a vapor intrusion risk at the site.

Similarly, chloroform detected in site soil gas may have originated from treated water leaking from potable water or sewer pipes, or from water used in construction of the soil gas sampling points. This compound is regularly found in municipal water supplies.

EPA RSL Residential SGSLs are conservative and based on a TCR of 1×10^{-6} for carcinogenic risks and THQ of 0.1 for potential non-carcinogenic risks. To further evaluate the soil gas data, Hanley Environmental utilized the EPA Vapor Intrusion Screening Level (VISL) Risk Calculator to calculate potential cumulative risks using detected concentrations of VOCs detected in the soil gas samples. Calculations were completed for residential use exposure scenarios. The results of risk calculations are summarized in **Table 5** and risk calculator outputs are provided in **Appendix G**.

The VCC specifies that evaluation of corrective measures should be performed if the results of the vapor intrusion assessment indicate that contaminant concentrations exceed levels indicative of a 10^{-6} cancer risk or a hazard quotient/hazard index of 1 for non-carcinogens. As shown in **Table 5**, the calculated TCR exceeded 10^{-6} and the THQ exceeded 1 in two samples, SG-2 and SG-3, located near the northern site boundary.

As a conservative measure, Hanley Environmental also calculated the vapor intrusion risk using the maximum concentrations detected across all soil gas samples collected at the site. The EPA risk calculator results indicated a cancer risk of 8.49×10^{-5} and a hazard quotient of 5.72. The calculated site-wide risk was heavily influenced by the results of soil gas sample SG-2.

4.0 INVESTIGATION DERIVED WASTE MANAGEMENT

Investigation-derived waste (IDW) generated during the investigation activities included purged groundwater, decontamination fluids, and soil cuttings. IDW was placed in labeled, steel, 55-gallon drums, with liquid and solid wastes placed in separate drums. Drums were

staged at the site pending receipt of laboratory data, and were disposed off-site as non-hazardous waste on November 8, 2023. A copy of the waste manifest is provided in **Appendix H**.

5.0 QUALITY ASSURANCE/QUALITY CONTROL

Hanley Environmental requested Level II quality assurance/quality control (QA/QC) data package to be included in the laboratory analytical reports. Upon review of the laboratory analytical reports, Hanley Environmental reviewed the qualifiers noted for select compounds for select samples. Due to laboratory error, cyanide was analyzed outside the recognized hold time for soil samples S-1s and S-1d. Based on the detected concentrations of cyanide in these samples, Hanley Environmental does not consider the analysis of cyanide outside of the recognized hold time to significantly affect conclusions of this report.

Other qualifiers listed in the laboratory reports do not appear to affect the quality of data produced.

6.0 CONCLUSION AND RECOMMENDATIONS

In October and November 2023, Hanley Environmental performed investigation activities at the undeveloped wooded property located at 10424 Wilson Boulevard, Blythewood, South Carolina. Investigation activities included a well survey, and soil, groundwater, and soil gas sampling in accordance with the SC DHEC approved Investigation Work Plan – Revision 1 dated August 23, 2023. A summary of the results and recommendations is provided below.

Well Survey

- The well survey included a pedestrian and windshield survey performed on October 4, 2023, and a desktop review to obtain information regarding water supply wells located within a 1,500-foot radius of the site.
- Municipal water supplied by Richland County Utilities and City of Columbia is available to the subject site and surrounding area. Hanley Environmental identified one source of public drinking water within 1,500-foot radius of the site based on the SC DHEC

Public Water Supply Well GIS online map, the Stop N Shop facility located approximately 350 northwest. This facility was likely listed due to active groundwater monitoring and remediation wells.

- During the walking and windshield survey activities, Hanley Environmental observed municipal water meters and fire hydrants along roadsides of properties in the area of the site. Two nearby properties that have the potential to use private water supply wells were identified. The properties are listed at 10429 Wilson Boulevard and 1028 Entzminger Road, Blythewood, South Carolina. The property at 10429 Wilson Boulevard is located adjacent to the west beyond Wilson Boulevard and the property at 1028 Entzminger Road is approximately 880 feet west-southwest of the site. A representative of Richland County Utilities indicated that these properties are not connected to the municipal water source. These properties and the Stop N Shop facility were not listed on well permit information records provided by SC DHEC.
- SC DHEC records indicate water supply well permits for eight properties within ½-mile of the site boundary. Information provided by SC DHEC on the permitted wells were limited.

Soil

- Analytical results indicate the presence of acetone and methylene chloride in soil samples at concentrations below the protection of groundwater SSL and EPA residential RSLs. Acetone and methylene chloride are considered common laboratory-introduced contaminants or artifacts.
- No other VOCs or SVOCs were detected at concentrations above the laboratory method detection limits.
- Several metals including aluminum, antimony, arsenic, hexavalent chromium, cobalt, iron, manganese, nickel, selenium, thallium, and vanadium were detected at concentrations above residential RSLs and/or Protection of Groundwater SSLs. Metals concentrations detected were within the range of published regional background

metals concentrations with the exception of hexavalent chromium, which does not have published background data available.

- Cyanide was detected in both samples analyzed (S-1s and S-1d) at concentrations below its EPA RSLs.
- No PCBs or pesticides were detected in samples analyzed for those constituents (S-1s and S-1d).
- Hanley Environmental utilized the EPA RSL Risk Calculator to calculate potential cumulative risks using detected concentrations of compounds identified in site soil above published naturally occurring background concentrations. The calculated carcinogenic and non-carcinogenic risks were below the TCR and THQs. As such, current data does not indicate elevated risk to human health associated with future residential use of the property.

Groundwater

- Measured groundwater gradient at the site indicated groundwater flows to the east and west from the center of the site.
- Analytical results indicated the presence of 1,4-dioxane and 2,4,6-tribromophenol at concentrations above MCLs/EPA Tapwater RSLs in the groundwater sample collected from the southeastern corner of the site (TMW-6), and 2,4,6-tribromophenol above the MCL/EPA Tapwater RSL from groundwater at the western boundary of the site (TMW-4). No other VOCs or SVOCs were detected at concentrations above MCLs/EPA Tapwater RSLs, and Groundwater VISLs.
- Aluminum, cobalt, iron, lead, and manganese were detected at concentrations above their respective MCLs or Tapwater RSLs. Additionally, arsenic, barium, beryllium, calcium, chromium, copper, magnesium, nickel, potassium, sodium, thallium, vanadium, and zinc were detected at concentrations above laboratory method detection limits but below MCLs or RSLs.

- Concentrations of metals detected in groundwater may be influenced by metals present in soil particles due to turbidity in groundwater, and may be attributed to naturally occurring concentrations of metals in site soil.
- Groundwater analytical results identified impacts that may have resulted from a release to the environment. Based on historical uses of the site, and information related to releases from nearby properties, impacts likely originated from off-site sources.

Soil Gas/Vapor Intrusion Potential

- Chloroform was detected in three soil gas samples (SG-4, SG-6, and SG-8) at concentrations exceeding the Residential SGSL of $4.07 \mu\text{g}/\text{m}^3$. No other constituents from October 2023 data exceeded Residential SGSLs. Benzene, 1,3-butadiene, carbon disulfide, ethylbenzene, heptane, 4-methyl-2-pentanone, naphthalene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and xylenes were detected exceeding the Residential SGSLs in the January 2023 soil gas samples.
- Hanley Environmental utilized the EPA VISL Risk Calculator to calculate potential cumulative risks using detected concentrations of VOCs detected in the soil gas samples from the current investigation and samples from the January 2023 Phase II ESA. The VCC specifies that evaluation of corrective measures should be performed if the results of the vapor intrusion assessment indicate that contaminant concentrations exceed levels indicative of a 10^{-6} cancer risk or a hazard quotient/hazard index of 1 for non-carcinogens. The calculated TCR exceeded 10^{-6} and THQ exceeded 1 in two samples (SG-2 and SG-3).
- As a conservative measure, Hanley Environmental also calculated the vapor intrusion risk using the maximum concentrations detected across all soil gas samples collected at the site. The EPA risk calculator results indicated a TCR of 8.49×10^{-5} and a THQ of 5.27.

7.0 REFERENCES

- Alternative Construction & Environmental Solutions, Inc, *Phase I Environmental Site Assessment, 22.80 Acres I-77 & Wilson Blvd Blythewood SC*, March 8, 2005.
- Arkrose Environmental, Inc., *Phase I Environmental Site Assessment For 10424 Wilson Blvd Richland County, SC, 29016*, November 4, 2022.
- Canova, Judy, South Carolina Department of Health and Environmental Control, Elements in South Carolina Inferred Background Soil and Stream Sediment Samples, South Carolina Geology, 1999, v. 41, p. 11-25.
- Hanley Environmental, PLLC, *Limited Phase II Environmental Site Assessment, 10424 Wilson Blvd, Richland County, South Carolina 29016*, February 2, 2023.
- Hanley Environmental, PLLC, *Phase I Environmental Site Assessment, Storey Site, 10424 Wilson Blvd, Richland County, South Carolina 29016*, June 12, 2023.
- South Carolina Code Ann. Regs. 61-68, Water Classifications and Standards, Document Number 4425, v. 28, issue 6, June 2015.
- US EPA Region 4 Ecological Risk Assessment - Supplemental to Risk Assessment Guidance for Superfund, March 2018.
- US EPA Region 4 Laboratory Services and Applied Science Division, *Operating Procedures*.
- US EPA, OSWER, Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air, and supplemental EPA guidance, June 2015.

TABLES

Table 1
Sampling Summary
Storey Property
10424 Wilson Boulevard, Blythewood, South Carolina

Sample Medium	Sample Type	Sample Locations	Sample IDs	Sample Descriptions	Quantity	Analyses
Soil	Grab	Northwestern corner of site	S-1	Grab samples from 0 to 1 ft depth interval and 2 to 3 ft depth interval	2	Surface and subsurface samples were analyzed for the full EPA-TAL for metals (with chromium speciation to analyze for hexavalent chromium and including cyanide) and the full EPA TCL (VOCs, SVOCs, Pesticides, and PCBs [Aroclors]).
	Composite	Northeastern portion of the site	S-2	One surficial composite sample of 0 to 1 ft depth interval and one subsurface composite sample of 2 to 3 ft depth interval from 3 borings located in the northeastern portion of site. One sample location (S-2-2) that exhibited the highest potential for impact based on field screening was submitted as an undisturbed grab sample for analysis of VOCs.	2	- Surficial soil samples were analyzed for the full EPA-TAL for metals (with chromium speciation to analyze for hexavalent chromium) and the full EPA TCL-SVOCs - Subsurface soil samples were analyzed for TAL-Metals (with chromium speciation to analyze for hexavalent chromium), TCL-VOCs, and TCL-SVOCs
		Western and southwestern portion of site	S-3	One surficial composite sample of 0 to 1 ft depth interval and one subsurface composite sample of 2 to 3 ft depth interval from 3 borings located in the western and southwestern portions of site. One sample location (S-3-3) that exhibited the highest potential for impact based on field screening was submitted as an undisturbed grab sample for analysis of VOCs.	2	
		Southeastern portion of site	S-4	One surficial composite sample of 0 to 1 ft depth interval and one subsurface composite sample of 2 to 3 ft depth interval from 3 borings located in the southeastern portion of site. One sample location associated (S-4-2) that exhibited the highest potential for impact based on field screening was submitted as an undisturbed grab sample for analysis of VOCs.	2	
Groundwater	Low-flow samples from temporary monitoring wells	Northwestern portion of the site	TMW-3s	Sample from top of water table	1	- The full EPA TAL for metals (including cyanide) - The full EPA TCL VOCs, SVOCs, Pesticides, and PCBs (Aroclors)
			TMW-3i	Sample from bedrock/saprolite interface	1	
		Western boundary of the site	TMW-4	Sample from top of water table	1	- The full EPA TAL for metals (excluding cyanide) - The full EPA TCL-VOCs - The full EPA TCL-SVOCs
		Central-southwestern portion of the site	TMW-5	Sample from top of water table	1	
		Southeastern corner of the site	TMW-6	Sample from top of water table	1	
Soil Gas	Exterior Soil Gas	Club House	SG-4	Exterior soil gas samples collected from temporary soil gas probes approx. 6 ft bgs	1	VOCs by EPA Method TO-15
		Building 5	SG-5		1	
		Building 7	SG-6		1	
		Building 1	SG-7		1	
		Building 6	SG-8		1	
		Building 8	SG-9		1	
		Building 9	SG-10		1	

Notes:

1. Grab samples were collected and placed on hold by the laboratory for each composite soil sample location. Grab samples were not analyzed based on results of the composite samples.

2. TAL = Target Analyte List; TCL = Target Compound List

3. VOCs = volatile organic compounds; SVOCs = semi-VOCs

4. ft bgs = feet below ground surface

Table 2 - Monitoring Well Construction and Water Level Summary
Storey Property
10424 Wilson Blvd, Blythewood, South Carolina

Well ID	Location	Northing	Easting	Well Diameter (inch)	Top of Well Casing Elevation (ft msl)	Approximate Well Depth (ft bgs)	Screen Interval (ft bgs)	Depth to Groundwater (ft TOC)	Groundwater Elevation (ft msl)
TMW-3s	Northwestern Corner of Site	855,540.36	2,009,679.08	1	452.91	17.5	7.5-17.5	17.67	435.24
TMW-3i	Northwestern Corner of Site	855,563.04	2,009,666.49	1	449.77	35	30-35	14.62	435.15
TMW-4	Western Boundary of Site	855,220.35	2,009,623.19	1	449.60	20	10-20	18.05	431.55
TMW-5	Central-Southwestern Portion of Site	854,584.37	2,009,833.53	1	446.15	19	9-19	12.06	434.09
TMW-6	Southeastern Corner of Site	854,600.37	2,010,401.09	1	454.47	21	11-21	21.41	433.06

Notes:

1. Depth to groundwater measurement collected on October 4, 2023.
2. ft bgs = feet below ground surface
3. ft msl = feet mean sea level
4. TOC = top of casing
5. Refusal was encountered at TMW-3i. TMW-3i set at deepest depth possible.
6. Latitude, longitude, and top of well casing surveyed by GEL Engineering, Inc. on October 4, 2023. Vertical datum: NAVD 88; Horizontal Datum: SC State Plane Coordinates, NAD 83 (2011-adj.)

Table 3 - Soil Analytical Results Summary
Storey Property
10424 Wilson Blvd, Blythewood, South Carolina

Sample ID	S-1s	S-1d	S-2s	S-2d	S-3s	S-3d	S-4s	S-4d	EPA RSLs ¹		Protection of Groundwater SSLs ²	Background ¹⁴		
Location	Northwestern Corner of Site		Northeastern Portion of Site		Western-Southwestern Portion of Site		Southeastern Portion of Site		Residential	Industrial		Range for Coastal Plain of South Carolina	Range for Piedmont of South Carolina	Range for South Carolina
Sample Date	10/2/2023	10/2/2023	10/2/2023	10/2/2023	10/3/2023	10/3/2023	10/3/2023	10/3/2023						
Sample Type	Grab	Grab	Composite	Composite	Composite	Composite	Composite	Composite						
Depth Interval (feet below ground surface)	0-1	2-3	0-1	2-3	0-1	2-3	0-1	2-3						
Target Compound List Volatile Organic Compounds (VOCs) - EPA Method 8260/5035A/5030B (µg/kg)														
Acetone	0.036	0.007 J	N/A	0.006 J	N/A	0.006 J	N/A	0.009 J	7,000,000	110,000,000	0.37	--	--	--
Methylene Chloride	<0.001	<0.001	N/A	<0.001	N/A	<0.001	N/A	0.001 J	35	320	1.3	--	--	--
Target Compound List Semi-Volatile Organic Compounds (SVOCs) - EPA Method 8270E/3546 (µg/kg)														
SVOCs	< BDL	< BDL	< BDL	< BDL	< BDL	< BDL	< BDL	< BDL	--	--	--	--	--	--
Target Analyte List Metals - EPA Method 6010D/3050B/7471/7199 (mg/kg)														
Aluminum	13,500	11,500	3,880	10,100	10,300	9,310	4,400	16,000	7,700	110,000	3,000	560 - 27,000	890 - 89,000	560 - 89,000
Antimony	<0.0325	<0.0340	<0.0317	<0.0322	<0.0327	<0.0325	<0.0315	0.0795 J	3.1	47	0.27	NR	NR	NR
Arsenic	1.02	1.07	0.273	0.813	0.265 J	0.115 J	0.569	1.01	0.68	3.0	0.29	ND - 45	ND - 210	ND - 210
Barium	35.4	23.0	17.8	18.0	18.3	16.4	19.6	26.0	1,500	22,000	82	ND - 176	ND - 370	ND - 370
Beryllium	0.238 J	0.186 J	0.108 J	0.156 J	0.125 J	0.0910 J	0.193 J	0.204 J	16	230	3.2	NR	NR	ND - 3.8
Cadmium	<0.0274	<0.0287	<0.0267	<0.0272	<0.0276	<0.0274	<0.0266	<0.0280	0.71	10	0.38	NR	NR	ND - 17
Calcium	174	159	54.2	172	61.9	51.3 J	66.0	225	NE	NE	NE	NR	NR	ND - 8,500
Chromium	15.0	9.21	3.04	7.48	8.04	6.05	5.32	11.4	12,000	180,000	180,000	ND - 42	ND - 140	ND - 140
Chromium, Hexavalent	<1.1	<1.1	<1.2	<1.1	<1.3	<1.1	<1.2	1.4	0.30	6.3	0.00067	NR	NR	NR
Cobalt	1.37	1.12	0.459	1.01	0.734	0.414	0.534	1.14	2.3	35	0.027	NR	NR	ND - 34
Copper	4.08	3.51	1.38	2.52	2.22	1.29	1.59	3.88	310	4,700	46	ND - 92	ND - 92	ND - 92
Iron	7,000	7,300	1,890	5,730	2,200	1,290	4,670	8,310	5,500	82,000	35	NR	NR	160 - 73,000
Lead	5.53	6.56	3.49	4.00	6.95	4.64	6.37	5.50	400	800	14	NR	NR	ND - 200
Magnesium	287	218	114	252	276	162	132	384	NE	NE	NE	NR	NR	7.4 - 17,000
Manganese	60.2	66.1	81.4	15.1	26.9	5.82	99.8	16.8	180	2,600	2.8	ND - 99	ND - 2,400	ND - 2,400
Nickel	3.99	3.21	1.43	3.21	3.14	2.41	1.61	4.49	140	1,800	2.6	ND - 47	ND - 52	ND - 52
Potassium	155	124	57.3	132	167	101	65.5	196	NE	NE	NE	ND - 1,520	ND - 15,000	ND - 15,000
Selenium	0.530	0.466	0.302	0.311	0.322	0.194 J	0.425	0.450	39	580	0.26	NR	NR	ND - 2.4
Silver	0.0200 J	0.0210 J	<0.0069	0.0169 J	0.0155 J	0.0156 J	0.0096 J	0.0214 J	39	580	0.08	NR	NR	ND - 61
Sodium	10.4 J	13.6 J	6.22 J	11.5 J	12.2 J	12.4 J	5.24 J	14.5 J	NE	NE	NE	NR	NR	ND - 1,250
Thallium	0.105 J	0.0855 J	0.0601 J	0.0671 J	0.0786 J	0.0479 J	0.0639 J	0.117 J	0.078	1.2	0.14	NR	NR	ND - 2.6
Vanadium	16.6	15.5	4.83	13.0	10.4	7.06	8.72	19.4	39	580	8.6	ND - 61	ND - 270	ND - 270
Zinc	7.69	6.42	2.81	5.60	6.04	3.78	3.37	8.25	2,300	35,000	37	ND - 130	ND - 170	ND - 170
Mercury	0.0453	0.0281 J	0.0156 J	0.0259 J	0.0388	0.0321	0.0169 J	0.0529	1.1	4.6	0.10	NR	NR	ND - 0.38
Cyanide - EPA Method 9014 (mg/kg)														
Cyanide	0.245 J H	0.276 J H	N/A	N/A	N/A	N/A	N/A	N/A	2.3	15	2.0	NR	NR	NR
Polychlorinated Biphenyls (PCBs) EPA Method 8082A (mg/kg)														
PCBs	< BDL	< BDL	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--	--	--	--
Target Compound List Chlorinated Pesticides - EPA Method 8081B (mg/kg)														
Pesticides	< BDL	< BDL	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--	--	--	--
Carcinogenic Risk ¹⁶	4.66E-06								--					
Hazard Quotient - Child ¹⁷	0.0181								--					
Hazard Quotient - Adult ¹⁷	0.00733								--					

Notes:

- Environmental Protection Agency (EPA) Regional Screening Levels (RSLs) based on target cancer risk [TCR] of 1x10⁻⁶ and target hazard quotient [THQ] of 0.1 dated November 2023.
- EPA Protection of Groundwater Soil Screening Levels (SSLs) (based on target cancer risk [TCR] of 1x10⁻⁶ and target hazard quotient [THQ] of 0.1) dated November 2023. MCL-based SSL used if both available.
- Detected concentrations are shown in **bold**
- N/A = not analyzed
- Values reported to the laboratory method detection limit.
- Values highlighted in yellow indicate exceedance of Residential RSL, protection of groundwater SSL and background range for metals.
- Values highlighted in grey indicate exceedance of Protection of Groundwater SSL and background range for metals.
- Concentrations shown in micrograms per kilogram (µg/kg) and milligrams per kilogram (mg/kg)
- Only compounds detected in at least one sample shown in table above
- NE = not established
- BDL = no compounds were detected above laboratory reporting limit
- J indicates compound was detected at a concentration below the Reporting Limit (lowest calibration standard), detection is considered an estimate
- H indicates compound was analyzed outside recognized hold time
- Background concentrations of metals in South Carolina published in *Elements in South Carolina Inferred Background Soil and Stream Sediment Samples, South Carolina Geology, 1999, volume 41, page 11-25* , authored by Judy L. Canova.
- NR = not reported; ND = not detected
- Carcinogenic risk calculated from the EPA RSL Calculator, generated November 2023.
- Hazard quotient risk calculated from the EPA RSL Calculator, generated November 2023.

Table 4 - Groundwater Analytical Results Summary
Storey Property
10424 Wilson Blvd, Blythewood, South Carolina

Sample ID	TMW-3s	TMW-3i	TMW-4	TMW-5	TMW-6	MCL ¹	Target Groundwater VISL ³ (TCR = 1.0E-06; THQ=0.1)
Location	Northwestern Corner of Site		Western Boundary of Site	Central-Southwestern Portion of Site	Southeastern Corner of Site		
Well Screen Depth Interval (ft bgs)	7.5-17.5	30-35	10-20	9-19	11-21		
Sample Collection Date	10/3/2023	10/3/2023	10/4/2023	10/3/2023	10/4/2023		
Target Compound List Volatile Organic Compounds (VOCs) - EPA Method 8260D (µg/L)							
Acetone	<1.80	<1.80	4.08 J	<1.80	20.2	1,800 ²	NE
Chloroform	<0.220	0.356 J	<0.220	<0.220	0.732	80	0.814
1,4-Dioxane	<16.0	<16.0	<16.0	<16.0	30.3 J	0.46 ²	2,860
Methyl Ethyl Ketone (MEK)	2.14 J	1.82 J	2.54 J	2.05 J	4.25 J	560 ²	224,000
Methylene Chloride	<0.330	<0.330	0.623 J	<0.330	0.642 J	5.0	471
Target Compound List Semi-Volatile Organic Compounds (SVOCs) - EPA Method 8270E/3510C (µg/L)							
2,4,6-Tribromophenol	<1.32	<1.32	76.511	<1.32	81.34	12 ²	--
Target Analyte List Metals - EPA Method 6010D/3010A/7470A/7199 (µg/L)							
Aluminum	105	75 J	1,730	1,730	3,430	2,000 ²	--
Arsenic	<0.2	<0.2	<0.2	0.6 J	0.5 J	10	--
Barium	6	8	15	22	10	2,000	--
Beryllium	0.1 J	<0.1	0.1 J	0.1 J	<0.1	4.0	--
Calcium	377	1,240	1,260	590	1,940	NE	--
Chromium	0.9 J	1	4	13	29	100	--
Cobalt	0.5 J	1	0.8 J	1	1	0.6 ²	--
Copper	3.1	2.8	2.0	4.8	8.6	1,300	--
Iron	1,990	5,420	3,060	18,200	10,100	1,400 ²	--
Lead	<0.2	<0.2	4.6	1.0	26.6	15	--
Magnesium	445	796	609	461	2,000	NE	--
Manganese	36	75	65	102	449	43 ²	--
Nickel	3.5	5.9	5.6	14.5	8.8	39 ²	--
Potassium	234	414	278	304	2,780	NE	--
Sodium	2,450	6,940	1,830	5,810	3,290	NE	--
Thallium	0.1 J	<0.06	<0.06	0.07 J	<0.06	2.0	--
Vanadium	1 J	1 J	4 J	4 J	7	8.6 ²	--
Zinc	11	9 J	11	9 J	15	600 ²	--
Cyanide - SM 4500-CN-E-2016 (µg/L)							
Cyanide	<4.0	<4.0	NA	NA	NA	200	20.1
Polychlorinated Biphenyls (PCBs) - EPA Method 8082A (µg/L)							
PCBs	< BDL	< BDL	NA	NA	NA	--	--
Target Compound List Chlorinated Pesticides - EPA Method 8081B (µg/L)							
Pesticides	< BDL	< BDL	NA	NA	NA	--	--

Notes:

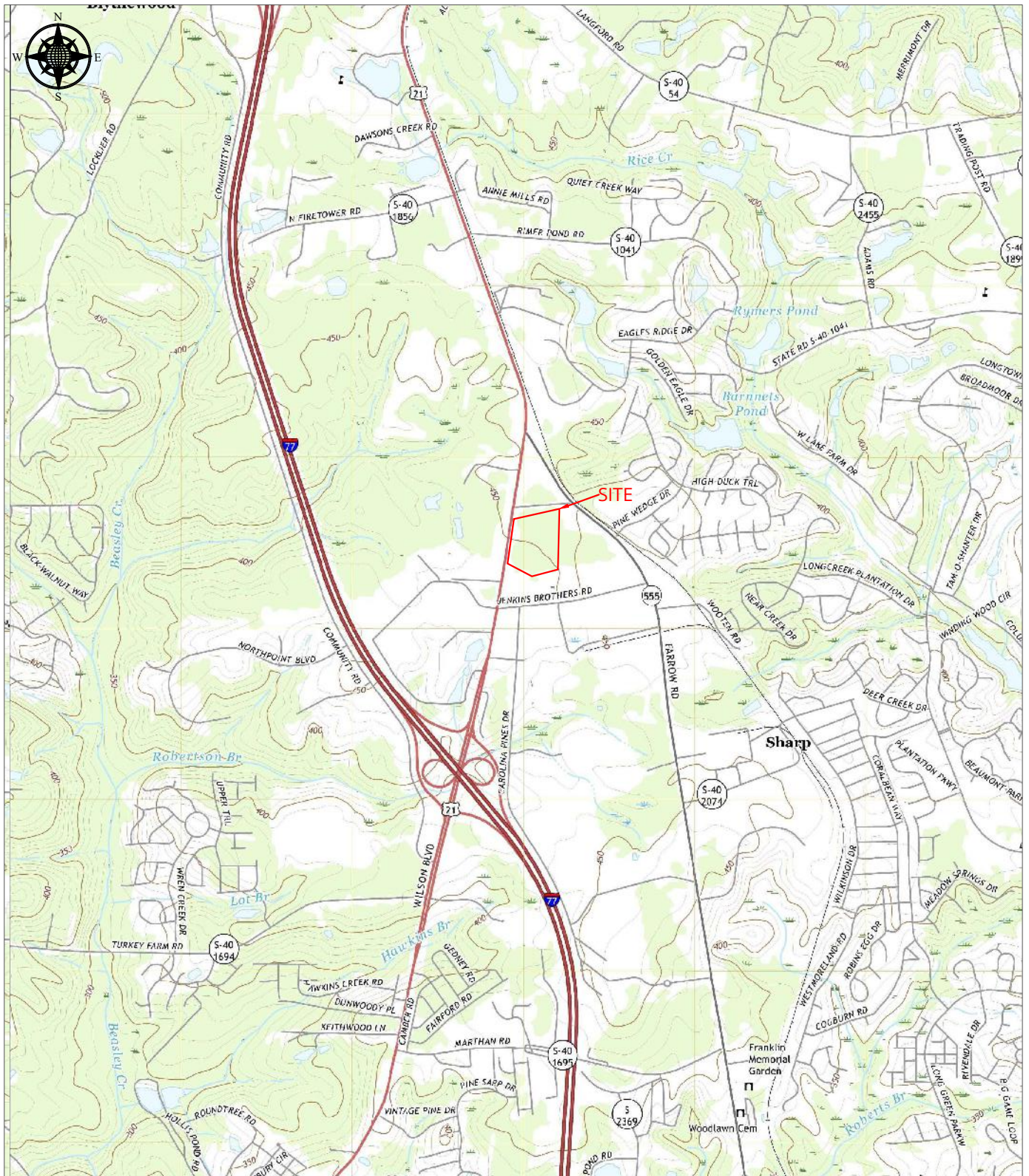
- Maximum Contaminant Levels (MCLs) in the State Primary Drinking Water Regulations, S.C. Code Ann. Regs. 61-58.5 published September 2014.
- Environmental Protection Agency (EPA) Regional Screening Level (RSL) for Tapwater used as standard (MCL not specified) dated November 2023.
- EPA Target Groundwater Concentration Vapor Intrusion Screening Level (based on target cancer risk [TCR] of 1x10⁻⁶ and target hazard quotient [THQ] of 0.1) dated November 2023.
- Detected concentrations are shown in **bold**
- NE = not established; NA = not analyzed; -- = not applicable
- Only compounds detected in at least one sample shown in table above
- Concentrations shown in micrograms per liter (µg/L).
- ft bgs = feet below ground surface
- Values reported to the laboratory method detection limit.
- BDL = no compounds were detected above laboratory reporting limit
- Values highlighted yellow exceed the MCL (or Tapwater RSL if MCL not specified)
- J indicates compound was detected at a concentration below the Reporting Limit (lowest calibration standard), detection is considered an estimate

Table 5 - Soil Gas Analytical Results Summary
Storey Property
10424 Wilson Blvd, Blythewood, South Carolina

Sample ID		SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7	SG-8	SG-9	SG-10
Sample Type		Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Sample Interval Depth (ft bgs)		14.5-15	14.5-15	14.5-15	5.5-6	5.5-6	5.5-6	5.5-6	5.5-6	5.5-6	5.5-6
Sample Duration		5-minute	5-minute	5-minute	10-minute	10-minute	10-minute	10-minute	10-minute	10-minute	10-minute
Sample Collection Date		1/5/2023	1/5/2023	1/5/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023
Shroud Helium Concentration (%)		54.4%	47.3%	52.5%	14.6%	12.1%	21.2%	19.3%	19.9%	14.3%	23.2%
Leak Check Helium Concentration (ppm)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Target Sub-Slab and Near-source Soil Gas Concentration ² (TCR = 1.0E-06; THQ=0.1)										
Volatile Organic Compounds (VOCs) - EPA Method TO-15 (µg/m ³) ¹											
Acetone	NE	37.7	44.0	79.0	19.5	8.31 B	12.3 B	11.7 B	26.3	37.4	10.5 B
Benzene	12	3.85	110	25.5	0.354 J	0.277 J	1.70	0.313 J	<0.073	2.87	<0.073
1,3-Butadiene	3.12	11.6	134	92.1	<0.328	<0.328	<0.328	<0.328	<0.328	<0.328	<0.328
Carbon Disulfide	2,430	3.74 J	31.5	36.2	0.345 J	<0.060	2.45 J	0.460 J	0.317 J	134	<0.060
Chloroform	4.07	2.29 J	<0.431	2.67	5.91	0.639 J	9.69	2.14 J	4.48	1.07 J	0.522 J
Chloromethane	313	<0.067	3.21 J	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	0.894 J	<0.067
Cyclohexane	20,900	<0.161	281	<0.161	<0.161	<0.161	<0.161	<0.161	<0.161	<0.161	<0.161
Dichlorodifluoromethane	348	2.68	2.84 J	2.75	3.18	3.31	3.78	3.33	3.41	3.60	3.76
1,1-Dichloroethane	58.5	0.380 J	<0.504	<0.101	<0.101	<0.101	<0.101	<0.101	<0.101	<0.101	<0.101
Ethyl Acetate	243	<0.136	<0.680	<0.136	<0.136	<0.136	<0.136	<0.136	<0.136	0.461 J	<0.136
Ethylbenzene	37.4	0.720 J	949	74.9	<0.106	<0.106	<0.106	0.924 J	<0.106	<0.106	<0.106
4-Ethyltoluene	NE	<0.128	584	62.5	<0.128	<0.128	<0.128	<0.128	<0.128	<0.128	<0.128
1,1,2-Trichloro-1,2,2-trifluoroethane	17,400	<0.561	<2.81	0.674 J	<0.561	0.597 J	0.705 J	0.605 J	0.643 J	<0.561	0.590 J
Heptane	1,390	0.905 J	1,680	86.4	<0.143	<0.143	<0.143	0.311 J	<0.143	0.442 J	<0.143
n-Hexane	2,430	1.72 J	1,610	89.8	0.486 J	1.01 J	0.394 J	0.511 J	0.320 J	1.42 J	<0.047
2-Hexanone	104	1.95 J	<1.42	<0.285	<0.285	1.18 J	<0.285	<0.285	<0.285	<0.285	1.42 J
Isopropyl Alcohol	695	2.31 J B	8.06 J B	2.60 J B	1.73 J B	1.85 J B	2.74 J B	2.39 J B	2.08 J B	4.81 J B	2.02 J B
Methyl Ethyl Ketone (MEK)	2,090	6.28	23.3	19.7	4.87	2.65	1.41 J	1.89	2.62	12.1	6.14
4-Methyl-2-Pentanone	2.75	2.07	<0.602	9.30	<0.121	0.397 J	<0.121	<0.121	<0.121	<0.121	<0.121
Methylene Chloride	2,090	3.62	5.16 JB	8.93	9.11	12.4	11.6	2.84	5.73	11.3	12.4
Naphthalene	2.75	<0.183	13.9	5.26	<0.183	<0.183	<0.183	<0.183	<0.183	<0.183	<0.183
Propene	10,400	45.0	6,550	2,030	<0.242	<0.242	<0.242	<0.242	<0.242	<0.242	<0.242
Styrene	3,480	1.61 J	12.6	5.08	<0.124	<0.124	<0.124	<0.124	<0.124	0.945 J	<0.124
Tetrachloroethene	139	<0.181	<0.907	1.28 J	<0.181	<0.181	<0.181	<0.181	<0.181	1.19 J	<0.181
Tetrahydrofuran	6,950	0.350 J	25.0	<0.107	15.6	0.395 J	0.359 J	1.08 J	33.4	1.50	0.566 J
Toluene	17,400	5.29	3,730	147	1.90	0.486 J	0.859 J	5.32	0.493 J	2.01	0.433 J
Trichlorofluoromethane	NE	1.41 J	<0.647	<0.130	2.21 J	2.52 J	2.66 J	2.24 J	2.51 J	2.73 J	2.68 J
1,2,4-Trimethylbenzene	209	0.860 J	2,240	216	<0.110	<0.110	<0.110	0.825 J	<0.110	<0.110	<0.110
1,3,5-Trimethylbenzene	209	<0.236	857	90.7	<0.236	<0.236	<0.236	0.417 J	<0.236	<0.236	<0.236
o-Xylene	348	0.842 J	1,350	130	<0.157	<0.157	<0.157	1.46 J	<0.157	<0.157	<0.157
m,p-Xylene	348	1.75 J	3,190	271	0.694 J	<0.217	<0.217	2.62 J	<0.217	0.429 J	0.308 J
Xylene (Total)	348	2.59 J	4,540	401	0.694 J	<0.157	<0.157	4.08 J	<0.157	0.429 J	0.308 J
VI Carcinogenic Risk ¹²		4.63E-06	8.25E-05	3.62E-05	1.48E-06	1.84E-07	2.53E-06	5.78E-07	1.10E-06	5.09E-07	1.32E-07
VI Hazard Index ¹³		0.176	5.26	1.70	0.00418	0.00347	0.00666	0.00429	0.00352	0.0125	0.00362
Sitewide VI Carcinogenic Risk ¹²		8.49E-05									
Sitewide VI Hazard Index ¹³		5.27									

- Notes:**
- Concentrations shown in micrograms per cubic meter (µg/m³)
 - Environmental Protection Agency (EPA) Residential Target Sub-Slab and Near-Source Soil Gas Concentration Screening Level (based on target cancer risk [TCR] of 1x10⁻⁶ and target hazard quotient [THQ] of 0.1) dated June 2023.
 - Detected concentrations are shown in **bold**
 - Detected concentrations exceeding Residential Target Screening Levels are shaded in yellow
 - Values shown with "<MDL" were not detected above the referenced method detection limit
 - J indicates compound was detected at a concentration below the Reporting Limit (lowest calibration standard), detection is considered an estimate
 - B indicates compound was detected in blank
 - ft bgs = feet below ground surface
 - Only compounds detected in at least one sample shown in table above
 - NE = not established
 - NR = compound not reported by laboratory
 - Vapor intrusion carcinogenic risk calculated from the EPA Vapor Intrusion Screening Level Risk Calculator, generated November 2023.
 - Vapor intrusion hazard index calculated from the EPA Vapor Intrusion Screening Level Risk Calculator, generated November 2023.

FIGURES



Legend

— Subject Property Boundary

1,000 2,000 FT

Notes: Topographic image obtained from United States Geological Services (USGS) online interface managed by the USGS National Geospatial Program (NGP) dated January 18, 2023.



HANLEY ENVIRONMENTAL, PLLC
323 MANNING DRIVE
CHARLOTTE, NORTH CAROLINA
SC Engineering COA #6674

Date
08/03/23

Project No.
PJ22040

Drawn By
NAH

Revision No.
0

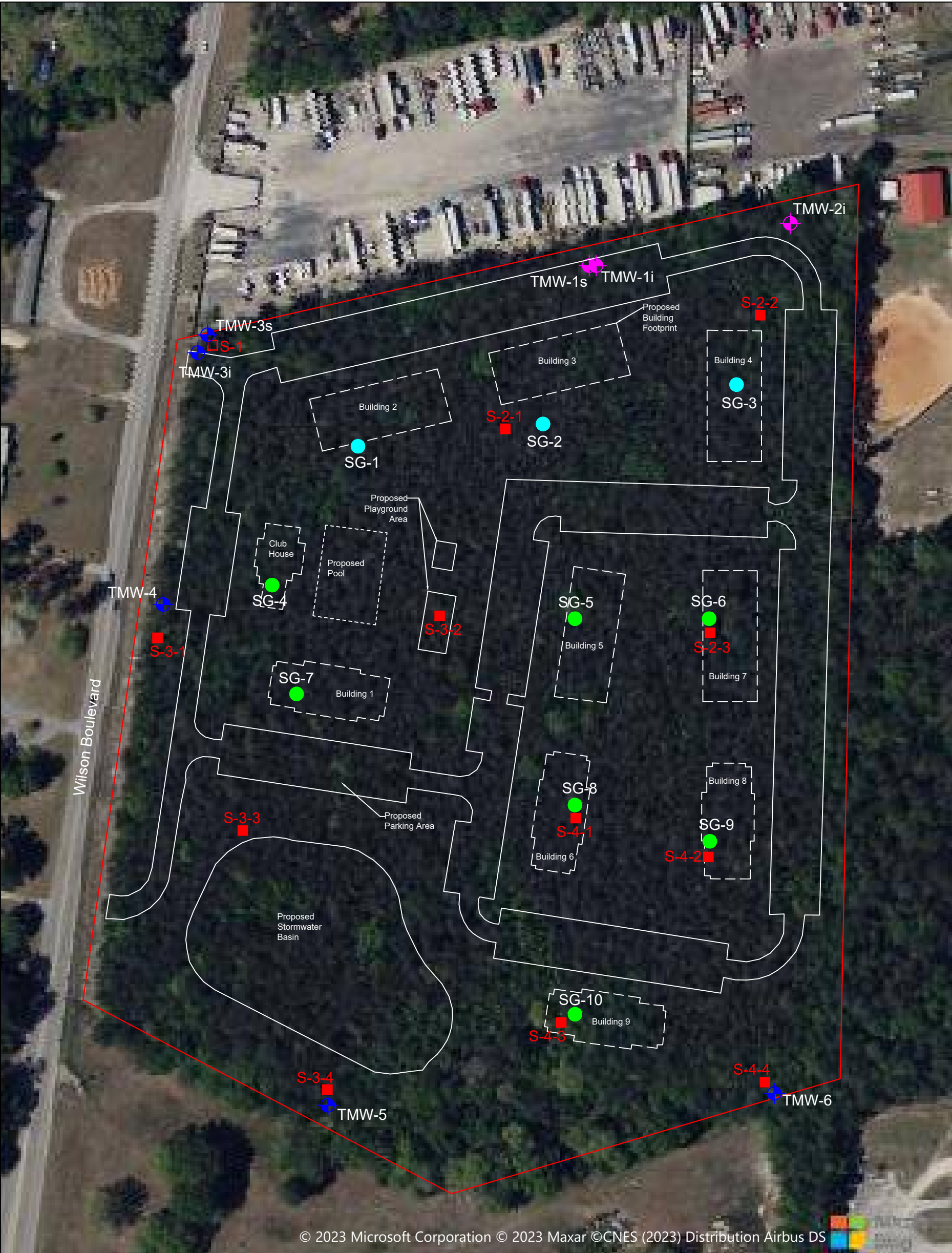
Title and Project

Site Vicinity Map

Storey Property
10424 Wilson Boulevard
Blythewood, Richland County, South Carolina

Figure No.

1



Legend

- Site Property Boundary
- Monitoring Well
- Soil Composite Sample
- Soil Grab Sample
- Soil Gas Monitoring Point
- Phase II Monitoring Well
- Phase II Soil Gas Monitoring Point

- Notes:
- Aerial image obtained from AutoCAD Geolocation feature 2023 Microsoft Corporation 2023 Maxar CNES (2023) Distribution Airbus DS.
 - Proposed site development provided by Kimley Horn dated December 27, 2022.
 - Monitoring well locations surveyed by GEL Engineering, LLC. Soil and soil gas monitoring points surveyed using handheld GPS unit.
 - Phase II groundwater and soil gas samples collected by Hanley Environmental in December 2022.

50 ft 100 ft

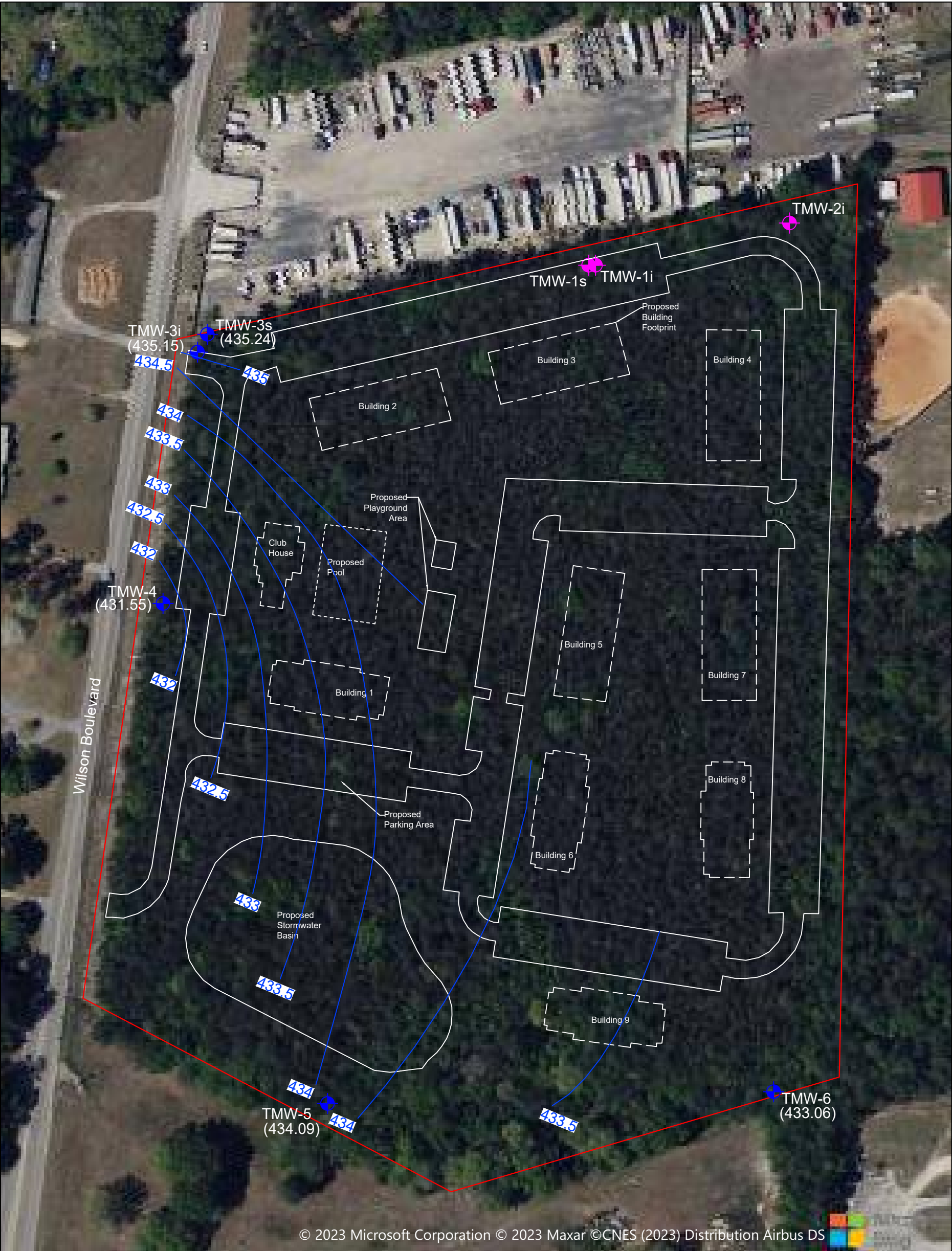


HANLEY ENVIRONMENTAL, PLLC
323 MANNING DRIVE
CHARLOTTE, NORTH CAROLINA
NC LICENSE P-2407

Date	11/09/23
Project No.	PJ22040
Drawn By	NAH
Revision No.	0

Title and Project
Sample Location Map
Storey Property 10424 Wilson Boulevard Blythewood, Richland County, South Carolina

Figure No.
2



© 2023 Microsoft Corporation © 2023 Maxar ©CNES (2023) Distribution Airbus DS

Legend

- Site Property Boundary
- Monitoring Well
- Phase II Monitoring Well
- Groundwater Elevation Contour

- Notes:
- Aerial image obtained from AutoCAD Geolocation feature 2023 Microsoft Corporation 2023 Maxar CNES (2023) Distribution Airbus DS.
 - Proposed site development provided by Kimley Horn dated December 27, 2022.
 - Monitoring well locations and elevations surveyed by GEL Engineering, LLC. Groundwater elevations measured on October 4, 2023.
 - Phase II monitoring wells and TMW-3i were not considered in groundwater contouring.



HANLEY ENVIRONMENTAL, PLLC
323 MANNING DRIVE
CHARLOTTE, NORTH CAROLINA
NC LICENSE P-2407

Date	10/12/23
Project No.	PJ22040
Drawn By	NAH
Revision No.	0

Title and Project
Groundwater Elevation Contour Map
Storey Property 10424 Wilson Boulevard Blythewood, Richland County, South Carolina

Figure No.
3

Location ID	Property Physical Address	Property Owner	Owner Mailing Address	Comment
1	44 North Davis Lane Blythewood SC 29016	William D Bostic	44 North Davis Lane Blythewood SC 29016	Property listed on SC DHEC well permit information provided in FOIA request. Well listed as residential and in effect.
2	40 North Davis Lane Blythewood SC 29016	Adam Boulware	40 North Davis Lane Blythewood SC 29016	Property listed on SC DHEC well permit information provided in FOIA request. Well listed as residential and in effect.
3	10 North Davis Lane Blythewood SC 29016	Ernesto Mayorga & Alejandro Angeles	10469 Wilson Boulevard Blythewood SC 29016	Property listed on SC DHEC well permit information provided in FOIA request. Additional information not provided.
4	76 North Davis Lane Blythewood SC 29016	John Wood & Denise/JTWRS	76 North Davis Lane Blythewood SC 29016	Property listed on SC DHEC well permit information provided in FOIA request. Additional information not provided.
5	10418 Wilson Boulevard Blythewood SC 29016	Sharpe Properties LLC	8124 Winnsboro Road Blythewood SC 29016	Property listed on SC DHEC well permit information provided in FOIA request. Well listed as irrigation and in effect.
6	11071 Farrow Road Blythewood SC 29016	Hunter Seamon	11071 Farrow Road Blythewood SC 29016	Property listed on SC DHEC well permit information provided in FOIA request. Well listed as residential and in effect.
7	217 Talon Way Blythewood SC 29016	Evelyn Heabel & JTWRS Norman Jr	217 Talon Way Blythewood SC 29016	Property listed on SC DHEC well permit information provided in FOIA request. Additional information not provided.
8	5 Bent Oak Court Blythewood SC 29016	Betty Benson & Jamie T JTWRS	5 Bent Oak Court Blythewood SC 29016	Property listed on SC DHEC well permit information provided in FOIA request. Additional information not provided.
9	10429 Wilson Boulevard Blythewood SC 29016	Sharpe Properties LLC	8124 Winnsboro Road Blythewood SC 29016	Potential water supply well observed at the property. A representative of Richland County Utilities indicated the property is not serviced by municipal water service.
10	1028 Entzminger Road Blythewood SC 29016	Clayton Trapp	1808 Little Cedar Creek Road Winnsboro SC 29180	Potential water supply well observed at the property. A representative of Richland County Utilities indicated the property is not serviced by municipal water service.

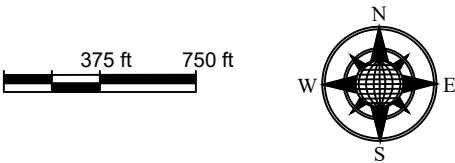


Legend

- Site Property Boundary
- 0.5-Mile Buffer
- 0.25-Mile Buffer

1 Potential Water Supply Well

Notes:
1. Aerial image obtained from AutoCAD Geolocation feature 2023 Microsoft Corporation 2023 Maxar
CNES (2023) Distribution Airbus DS.



HANLEY ENVIRONMENTAL, PLLC
323 MANNING DRIVE
CHARLOTTE, NORTH CAROLINA
NC LICENSE P-2407

Date	12/05/23
Project No.	PJ22040
Drawn By	NAH
Revision No.	0

Title and Project	Water Supply Well Survey Map
	Storey Property 10424 Wilson Boulevard Blythewood, Richland County, South Carolina

Figure No.	4
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**VOLUNTARY CLEANUP CONTRACT
23-7758-NRP**

**IN THE MATTER OF
STOREY PROPERTY, RICHLAND COUNTY
and
PEDCOR INVESTMENTS-2023-CXCIII, L.P.**

This Contract is entered into by the South Carolina Department of Health and Environmental Control and Pedcor Investments-2023-CXCIII, L.P., with respect to the Property located at 10424 Wilson Boulevard, Richland County, South Carolina. The Property includes approximately 22.8 acres identified by Tax Map Serial Number R15000-05-04. In entering this Contract, the Department relies on the representations contained in the "Non Responsible Party Application for Voluntary Cleanup Contract" of May 22, 2023, and any amendments thereto; by Pedcor Investments-2023-CXCIII, L.P., which is incorporated into this Contract and attached as Appendix A.

AUTHORITY

This Contract is entered into pursuant to the Brownfields/Voluntary Cleanup Program, S.C. Code Ann. §§ 44-56-710 et seq.; the South Carolina Hazardous Waste Management Act (SCHWMA), S.C. Code Ann. §§ 44-56-10 et seq.; the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 U.S.C. §§ 9601 et seq.; the State Underground Petroleum Environmental Response Bank Act, (SUPERB Act), S.C. Code Ann. §§ 44-2-10 et seq.; and the Pollution Control Act (PCA), S.C. Code Ann. §§ 48-1-10 et seq.

DEFINITIONS

1. Unless otherwise expressly provided in this Contract, terms used herein shall have the meaning assigned to them pursuant to the Brownfields/Voluntary Cleanup Program, and if not set forth therein, shall have the meaning assigned to them pursuant to the SCHWMA, the PCA, the SUPERB Act, or CERCLA.

- A. "Pedcor" means Pedcor Investments-2023-CXCIII, L.P.
- B. "Beneficiaries" means Pedcor's Non-Responsible Party lenders, signatories, parents, subsidiaries, and successors, including new purchasers, lessees, and other parties acquiring an interest in any portion of the Property, but only to the extent that such parties have never been a Responsible Party at the Site.
- C. "Contamination" means the presence of a contaminant, pollutant, hazardous substance, petroleum, or petroleum product.
- D. "Contract" means this Voluntary Cleanup Contract.
- E. "Department" means the South Carolina Department of Health and Environmental Control, or a successor agency of the State of South Carolina that has responsibility for and jurisdiction over the subject matter of this Contract.
- F. "Existing Contamination" shall mean any Contamination present on, or under, the Site as of the execution date of this Contract.
- G. "Property" means the real property as described in the Non Responsible Party Application for Voluntary Cleanup Contract attached as Appendix A, and that is subject to the ownership, prospective ownership, or possessory or contractual interest of Pedcor or its Beneficiaries.
- H. "Segregated Sources" means drums, tanks, or similar discrete containers that potentially hold substances that may cause Contamination upon release to the environment.

- I. "Site" means all areas where a contaminant, petroleum, or petroleum product has been released, deposited, stored, disposed of, or placed or otherwise comes to be located; "Site" does not include any consumer product in consumer use or any vessel.
- J. "Waste Materials" means any Contamination-causing solid, semi-solid, or liquid material discarded, buried, or otherwise present on the Property, and may include sludge, slag, or solid waste materials such as empty containers and demolition debris or materials containing asbestos, lead-based paint, or petroleum or other contaminants.

FINDINGS

2. Based on the information known by or provided to the Department, the following findings are asserted for purposes of this Contract:

- A. Owners and Operators: The owners and operators of the Property include the following:

Warren Dixon and Spouse, Bridgett Dixon	Unknown to 1938
Casey G. Pillion	1938 to 1944
Catherine W. Dale, et al.	1944 to 1950
Hazel F. Dale, et al.	1950 to 1976
Catherine W. Dale et al.	1976 to 1984
Park Street Associates	1984 to 2005
Food Lion Plaza Partners, A Georgia General Partnership	2005 to 2006
Barry L. Storey and Nan S. Easterlin	2006 to Present

- B. Property and Surrounding Areas: The Property is bounded generally by Rockfish Truck Parking to the north with residences beyond and Blythewood Stop & Shop ("Mini Mart") across U.S. Highway 21 beyond to the northwest; to the east by a

fitness center and batting cage, Mountain Air Heating and Cooling, Caliber Collision Center, and vacant land with Farrow Road beyond; to the south by a plant nursery and Owens Corning (a building material manufacturer); and to the west by U.S. Highway 21 with residences and undeveloped land beyond. The Property is currently undeveloped woodlands.

- C. Investigations / Reports; Regulatory Issues: The Mini Mart convenience store and gas station is approximately 0.10 miles northwest of the Property. The Mini Mart is on the Department's leaking underground storage tank (LUST) database (UST ID #10503). The Mini Mart operates two (2) 4,000-gallon gasoline underground storage tanks (USTs) and owns one (1) extended out-of-use gasoline UST. Five (5) USTs were removed from the Property in 1987. A release from the Mini Mart was reported to the Department on January 10, 1992. Clean-up is ongoing on the Mini Mart property. Groundwater is documented to flow east-southeast from the Mini Mart towards the Property.

A Phase I Environmental Site Assessment (ESA) was performed for the Property by Arkose Environmental and dated November 4, 2022. The Phase I ESA identified the upgradient Mini Mart as a Recognized Environmental Condition and a Vapor Encroachment Condition based on its documented petroleum release and ongoing cleanup activities.

A Phase II ESA was performed by Hanley Environmental and the report was dated February 2, 2023. Three (3) temporary monitoring wells were installed near the northern boundary of the Property. No petroleum free product was observed in the installed wells. The groundwater samples were analyzed for volatile organic compounds (VOCs). Tetrachloroethylene (PCE), toluene, methyl tert-butyl ether, and acetone were detected above their laboratory detection limits, but did not exceed regulatory standards for groundwater. The temporary wells were abandoned on January 6, 2023.

Three (3) soil gas samples were collected near the locations of the three (3) northernmost proposed buildings. The following VOCs were detected in soil gas above their United States Environmental Protection Agency Target Sub-Slab Near-Source Soil Gas Vapor Intrusion Screening Levels in at least one soil gas sample: benzene; 1,3-butadiene; ethylbenzene; heptane; naphthalene; 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; o-xylene; m,p-xylene; and total xylenes.

A Phase I ESA was performed by Hanley Environmental and dated June 12, 2023. The Phase I recognized the Mini Mart LUST and documented contamination from the February 3, 2023 Phase II ESA as a REC.

D. Applicant Identification: Pedcor is an Indiana limited partnership with its principal place of business located at 770 3rd Avenue SW, Carmel, Indiana 46032.

E. Proposed Redevelopment: Pedcor will acquire the Property and intends to develop the Property with Low Income Housing Tax Credit workforce community housing.

CERTIFICATIONS

3. Pedcor has certified upon application that: 1) Pedcor is not a Responsible Party at the Site, or a parent, successor, or subsidiary of a Responsible Party at the Site and has not had any involvement with the Property in the past other than activities performed in anticipation of participation in the Voluntary Cleanup Program; 2) its activities will not aggravate or contribute to Existing Contamination on the Site or pose significant human health or environmental risks; and 3) it is financially viable to meet the obligations under this Contract.

RESPONSE ACTION

4. Pedcor agrees to conduct the response actions specified in the sub-paragraphs below. An initial Work Plan shall be submitted by Pedcor, or its designee, within thirty (30) days after the date of execution of this Contract by the Department, or such earlier or later date if approved by the Department's project manager. A report of the assessment results shall be submitted by Pedcor, or its designee, in accordance with the schedule provided in the initial Work Plan. Pedcor acknowledges that the assessment may find distributions of Existing Contamination requiring additional assessment and/or corrective action on the Property that cannot be anticipated with this Contract. Pedcor agrees to perform the additional assessment and/or corrective action consistent with the intended uses of the Property under the purview of this Contract; however, Pedcor may seek an amendment of this Contract to clarify its further responsibilities. Pedcor shall perform all actions required by this Contract, and any related actions of Pedcor's choosing not expressly required by this Contract, pursuant to Work Plans and/or Addenda approved by the Department.

A. Work Plan Logistics:

- 1). The Work Plan(s) shall set forth a schedule and methods for assessment and corrective action activities detailed herein.
- 2). The Work Plan(s) shall be submitted to the Department in the form of one hard copy and one electronic copy of the entire Work Plan on a compact disk (in .pdf format).
- 3). All activities undertaken pursuant to this Contract shall be consistent with South Carolina statutes, regulations, and permitting requirements (e.g., stormwater management and waste disposal regulations). Pedcor shall identify and obtain the applicable permits before beginning any action.
- 4). The Work Plan(s) shall be in accordance with accepted industry standards and shall be signed and sealed by a Professional Engineer or Professional Geologist duly-licensed in South Carolina.

- 5). The Work Plan(s) shall provide detailed information about the proposed sampling points, collection methods, analytical methods, quality assurance procedures, and other pertinent details of the assessment and/or corrective measures activities consistent with the following:
- a). Sample collection methodologies shall be consistent with the US EPA Region IV Field Branches Quality System and Technical Procedures.
 - b). All monitoring wells and groundwater sampling points shall be constructed in accordance with Well Standards, S.C. Code Ann. Regs. 61-71. The Work Plan shall provide sufficient detail to support issuance of the well approvals by the Department.
 - c). The laboratory analyses for samples taken pursuant to the Work Plan are specified in the media-specific sub-paragraphs below, but may include any of the following:
 - i. the full EPA Target Analyte List with chromium speciation to analyze for hexavalent chromium (TAL);
 - ii. EPA Target Analyte List excluding cyanide but with chromium speciation to analyze for hexavalent chromium (TAL-Metals);
 - iii. the full EPA Target Compound List (TCL);
 - iv. EPA Target Compound List Volatile Organic Compounds (TCL-VOCs);
 - v. EPA Target Compound List Semi-Volatile Organic Compounds (TCL-SVOCs);
 - vi. EPA Target Compound List Pesticides (TCL-Pesticides);
 - vii. EPA Target Compound List Polychlorinated Biphenyls (TCL-PCBs).
 - d). All analytical methods shall be capable of achieving appropriate reporting levels to allow comparison to the media-specific screening criteria listed in the "United States Environmental Protection Agency Regional Screening Levels for Chemical Contaminants at Superfund Sites" (EPA RSLs) in effect at the time of sampling. The applicable Protection of Groundwater Soil

Screening Level (SSL) shall be the "MCL-Based SSL," if listed. If the applicable screening criteria are lower than achievable detection levels, the analytical method shall use the lowest achievable detection levels.

- 6). The Work Plan shall include the names, addresses, and telephone numbers of Pedcor's consulting firm(s), analytical laboratories, and Pedcor's contact person for matters relating to this Contract and the Work Plan.
 - a). The analytical laboratory shall possess applicable Certification defined in the State Environmental Laboratory Certification Program, S.C. Code Ann. Regs. 61-81, for the test method(s) and parameters specified in the Work Plan.
 - b). Pedcor shall notify the Department in writing of any changes concerning the consulting firm(s), contact person(s), or laboratory identified in the Work Plan.
- 7). The Department will notify Pedcor in writing of approvals or deficiencies in the Work Plan.
- 8). Pedcor, or its designee, shall respond in writing within thirty (30) days of receipt of any comments on the Work Plan by the Department.
- 9). Pedcor shall begin implementation of the Work Plan as soon as reasonably possible after receipt of written approval of the Work Plan by the Department.
- 10). Pedcor shall inform the Department at least five (5) working days in advance of all field activities conducted pursuant to the Work Plan, and shall allow the Department, or its authorized representatives, to take duplicates of any samples if desired.
- 11). Pedcor shall preserve items on the Property that may: 1) provide evidence of a Potentially Responsible Party's involvement at the Site; 2) lead to the discovery of other areas of Contamination at the Site; or 3) contain environmental information related to the Site. Such items may include drums, bottles, labels, business and operating records, contracts, Site studies, investigations, and other physical or written materials relating to the Site. Pedcor shall notify the Department of the location of any such items and

provide the Department with an opportunity to inspect any materials or copy any documents at the Department's expense prior to destruction of said items.

B. Report Logistics

- 1). Report(s) shall be prepared in accordance with accepted industry standards and shall be certified by signature and seal of a Professional Engineer or Professional Geologist duly licensed in South Carolina.
- 2). The report(s) of assessment and/or corrective measures activities shall include a discussion of investigation methods and any deviations from the Department approved Work Plan. Report(s) shall also include tables and figures to summarize all data, a surveyed map documenting sampling locations, documentation of field observations including well core logs, sample descriptions, field screening results, and all laboratory analytical data.
- 3). All report(s) shall be submitted to the Department in the form of one hardcopy and one electronic copy of the entire report on a compact disk (in .pdf format).

C. Assess Waste Materials and Segregated Sources:

- 1). Pedcor shall characterize for disposal any Waste Material and Segregated Sources that may be discovered on the Property at any time during assessment, corrective action, or development activities in accordance with applicable regulations.
- 2). Upon discovery of any Segregated Source that has not yet released all of its contents to the environment, Pedcor shall expeditiously stabilize or remove the Segregated Source from the Property.
- 3). Pedcor shall immediately notify the Department if a release of Contamination occurs as a result of its assessment, stabilization, or removal actions. Pedcor shall assess the impact of the release and take necessary action in accordance with a Department approved plan.

D. Conduct a well survey:

- 1). Pedcor shall map all public and private wells used for drinking water supply within a one-half mile radius of the Property boundary, and wells used for irrigation or other non-drinking water use within a one-quarter mile radius of the Property boundary.
- 2). Pedcor shall report sufficient information to the Department to allow the Department to secure permission to sample the wells. At a minimum, this information shall include the: 1) Location of the well; 2) Identity and mailing address of the well owner; and 3) Telephone number, if publicly available or otherwise known to Pedcor, of the well owner or an occupant of the residence served by the well.

E. Assess soil quality across the Property:

- 1). Pedcor shall collect and analyze a minimum of twenty-four (24) soil samples from twelve (12) locations on the Property. Pedcor shall collect one surface soil sample (0-1 foot below ground surface) and one subsurface soil sample (2-foot minimum depth) from each of the following locations:
 - a). One (1) location every two (2) acres of the Property.
 - b). One (1) location in the northwestern corner of the Property.
- 2). Unless otherwise specified above, each surface soil sample shall be analyzed for TAL-Metals (with chromium speciation to analyze for hexavalent chromium) and TCL-SVOCs. Each subsurface sample shall be analyzed for TAL-Metals (with chromium speciation to analyze for hexavalent chromium), TCL-VOCs, and TCL-SVOCs. The sample from the northwestern corner of the Property shall be analyzed for the full EPA-TAL (includes cyanide) and EPA-TCL.
- 3). Soil quality results shall be compared to the EPA RSL Resident and Industrial Screening Levels and to the applicable Protection of Groundwater SSL.
- 4). All analytical methods shall be capable of achieving appropriate reporting levels as specified in Paragraph 4.A.5.d. of this Contract.

F. Assess groundwater quality:

- 1). Pedcor shall assess groundwater quality and flow direction across the Property. Assessment shall include samples from a minimum of five (5) monitoring wells to be installed as one (1) well pair and three (3) singular wells. The well pairs shall consist of a well screened to bracket the water table and a well screened at the bedrock-saprolite interface or upper confining layer. In the event that groundwater is not encountered above the bedrock/confining layer, the shallower wells may be omitted after consultation with the Department. Specific locations shall be as follows:
 - a). The well pair shall be located in the northwestern corner of the Property.
 - b). One (1) singular well in the southeastern corner of the Property.
 - c). One (1) singular well in the central-southwestern portion of the Property.
 - d). One (1) singular well along the western boundary of the Property.
- 2). Samples from all groundwater monitoring wells shall be analyzed for TAL-Metals, TCL-VOCs, and TCL-SVOCs. In addition, the well pair shall have both samples analyzed for the full EPA-TAL (includes cyanide) and EPA-TCL.
- 3). Groundwater quality results shall be compared to the primary maximum contaminant level (MCL) standards in the State Primary Drinking Water Regulations, S.C. Code Ann. Regs. 61-58, or, if not specified in R.61-58, to the EPA RSL for "Tapwater."
- 4). All analytical methods shall be capable of achieving appropriate reporting levels as specified in Paragraph 4.A.5.d. of this Contract.

G. Evaluate and control potential impacts to indoor air:

- 1). Pedcor shall further evaluate vapor intrusion risk to indoor air based on documented contaminant concentrations in soil gas that may pose a threat to indoor air quality based on the EPA "OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air" dated June 2015 and supplemental EPA guidance ("Vapor Intrusion Technical Guide").

- 2). Pedcor shall submit a Vapor Intrusion Assessment Work Plan followed by a report of the results.
 - a). For future buildings, Pedcor's evaluation of vapor intrusion risk shall, unless otherwise agreed to by the Department, consist of collection and analysis of a representative number of soil gas samples from the proposed footprint of buildings to be constructed on the Property over areas potentially subject to vapor intrusion.
 - b). Soil gas samples shall be analyzed for all site related volatile compounds by appropriate methods capable of detecting soil gas concentrations at screening levels indicative of a 10^{-6} cancer risk or a hazard quotient of 1 (or 0.1 as applicable) for non-carcinogens based on an appropriate attenuation factor.
 - c). Soil gas sampling results and predicted indoor air concentrations shall be compared to screening levels indicative of a 10^{-6} cancer risk or a hazard quotient of 1 (or 0.1 as applicable) for non-carcinogens based on the Vapor Intrusion Technical Guide.
- 3). All analytical methods shall be capable of achieving appropriate reporting levels as specified in Paragraph 4.A.5.d. of this Contract.
- 4). Should the results of the Vapor Intrusion Assessment indicate that contaminant concentrations exceed levels indicative of a 10^{-6} cancer risk or a hazard quotient/hazard index of 1 for non-carcinogens for the proposed use of the Property, Pedcor shall evaluate options for corrective measures and engineering controls to ensure acceptable indoor air quality. At a minimum, Pedcor shall propose and implement engineering controls to mitigate contaminant vapor intrusion to meet acceptable levels in accordance with Paragraph 4.H of this Contract.
- 5). The Department may allow Pedcor to implement pre-emptive vapor intrusion mitigation measures in lieu of the above Vapor Intrusion Assessment. Vapor intrusion mitigation measures shall be completed and evaluated in accordance with Paragraph 4.H of this Contract.

H. Institute reasonable Contamination control measures:

- 1). Pedcor shall remove from the Property and properly dispose of all Waste Materials and Segregated Sources of Contamination in accordance with applicable regulations based on characterization results.
 - a). Pedcor shall document the characterization results and ultimate disposition of the materials to the Department within sixty (60) days of removal of any material from the Property.
 - b). Subject to Department approval, buried Waste Materials, if present, may be stabilized in place on the Property in a manner that will effectively limit or prevent human exposure and release of contaminants to the environment. If any Waste Materials are to be stabilized in place, Pedcor shall propose plans for stabilization of the Waste Materials in a Corrective Measures Plan in accordance with Paragraph 4.H.2 below. Pedcor shall also enter into a Declaration of Covenants and Restrictions to document the area of stabilization, and to maintain the stabilization measures in accordance with Paragraph 9 of this Contract.
- 2). Pedcor shall take reasonable measures to effectively limit or prevent human exposure to Existing Contamination in any media on the Property. Pedcor shall evaluate options for corrective measures in an Analysis of Brownfields Cleanup Alternatives (ABCA). Upon Department approval of the corrective measures selected in the ABCA, Pedcor shall prepare a Corrective Measures Plan. The Corrective Measures Plan shall be approved by the Department prior to implementation and shall be consistent with the intended future use of the Property.
 - a). Corrective measures shall be required for Contamination present in any media on the Property with concentrations in excess of appropriate human-health risk-based exposure standards with plausibly complete routes of exposure. Known media that require Corrective Measures include, but may not be limited to, the following: soil gas.

- b). Pedcor may request Department approval to conduct a site-specific risk assessment to determine levels of Contamination that are acceptable for the intended use of the Property. The risk assessment shall be conducted in accordance with EPA Risk Assessment Guidance for Superfund. Prior to conducting the risk assessment, Pedcor shall submit for Department approval, an overview of risk assessment assumptions including identification of Contamination exposure routes, the type and duration of possible exposures, the magnitude of exposure, and any data gaps that need to be addressed to complete the risk assessment.
- c). Corrective measures may include removal, encapsulation, barriers, or other methods reasonably expected to limit human exposures to the Contamination. Subject to Department approval, corrective measures may include a land use restriction in accordance with Paragraph 9 (Declaration of Covenants and Restrictions) of this Contract.
- d). If required, vapor intrusion control measures shall be designed and certified by a Professional Engineer duly-licensed in South Carolina to effectively mitigate vapor intrusion risk to a 10^{-6} risk for carcinogens and a hazard quotient/hazard index of 1 for non-carcinogens based on current EPA RSLs and guidance on vapor intrusion. All vapor intrusion control measures shall include monitoring to confirm that the vapor mitigation system is effective, and procedures to ensure and document proper and effective operation and maintenance of the vapor intrusion mitigation system for as long as it is required at the Property. The Department shall give reasonable consideration of data or other demonstration that shows any unacceptable indoor air contaminant concentrations do not result from the subsurface conditions.
- e). Upon completion of any corrective measures, Pedcor shall provide a Corrective Measures Report to document satisfactory completion of the corrective measures for Department review and approval prior to obtaining a Certificate of Completion.

- 3). In the event that development of the Property will require disturbance of contaminants in soil or groundwater, Pedcor shall propose a Media Management Plan. The Media Management Plan shall address procedures for management of contaminated media when disturbed, characterization of any soil or groundwater that is to be removed from the Property, and offsite disposal of any contaminated soil and groundwater that is to be removed from the Property at a permitted waste disposal facility. Upon completion of Property development and soil disturbance, a report of the soil management activities shall be submitted to the Department documenting the areas and depths of soil removal, all soil and groundwater sampling results, quantities of contaminated soil and groundwater removed from the Property, their disposal locations, and disposal manifests.
 - 4). In the event that corrective measures include engineering controls that must be maintained and monitored for future use of the Property, a Stewardship Plan may be required by the Department. If required, the Stewardship Plan shall identify procedures for routine inspection and monitoring of the engineering controls; repair or replacement of the engineering controls as necessary; and management of contaminated media that may be encountered as a result of any disturbance of the engineering controls.
- I. Monitor and/or abandon the monitoring wells:
- 1). Pedcor shall implement a groundwater-monitoring program if required by the Department. Continued monitoring requirements will be based on the Department's determination of potential adverse effects on nearby receptors, i.e., individuals that are presently or potentially exposed to Contamination.
 - 2). The Department will determine the frequency and duration of the monitoring program on a case-specific basis.
 - 3). Pedcor shall abandon the monitoring well(s) when the Department determines there are no further needs for wells. The wells shall be abandoned in accordance with Well Standards, S.C. Code Ann. Regs. 61-71.

HEALTH AND SAFETY PLAN

5. Pedcor shall prepare and submit under separate cover from the Work Plan, a Health and Safety Plan consistent with Occupational Safety and Health Administration regulations. The Health and Safety Plan shall be submitted to the Department in the form of one electronic copy on compact disk (in .pdf format). Pedcor agrees that the Health and Safety Plan is submitted to the Department only for informational purposes. The Department expressly disclaims any liability that may result from implementation of the Health and Safety Plan by Pedcor.

PUBLIC PARTICIPATION

6. Pedcor and the Department will encourage public participation to implement this Contract as follows:
 - A. The Department will provide notice, seek public comment, and initiate a thirty (30) day claim contribution notification period in accordance with established procedures consistent with S.C. Code Ann. § 44-56-750 upon signature of this Contract by Pedcor.
 - B. Pedcor shall erect a sign at major entrances onto the Property or other locations routinely accessible by the public. The sign(s) shall be erected no later than one (1) day after the Department's public announcement about the Contract in a newspaper of general circulation in the community.
 - 1). The sign(s) will state "Voluntary Cleanup Project by Pedcor Investments-2023-CXCIII, L.P. under Voluntary Cleanup Contract 23-7758-NRP with the South Carolina Department of Health and Environmental Control." The sign(s) shall provide a brief description of the scope of activities under the Contract, and contact information, including telephone number and address, for a representative of Pedcor. Contact information for the Department shall state "TOLL-FREE TELEPHONE: 1-866-576-3432."

- 2). All sign lettering must be of sufficient size to be legible with un-aided normal eyesight from the point where the public will normally pass by the Property without intruding onto the Property.
- 3). Pedcor shall submit photographs of the sign(s) and a Property drawing showing the location(s) of the sign(s). The photographs shall be submitted to the Department within ten (10) days of erecting the sign(s).
- 4). Pedcor agrees to revise the sign if the Department determines the sign is inaccurate, not legible, or otherwise ineffectively placed.
- 5). Pedcor shall maintain the sign(s) in legible condition and at visible locations throughout the duration of the Contract period until a Certificate of Completion is issued on the Property.
- 6). The sign(s) may be removed to accommodate building or grading activities; however, Pedcor shall restore the sign(s) within two (2) days to its original location, or other publicly accessible location upon notice to the Department.

PROGRESS UPDATES

7. Pedcor shall submit periodic written updates to the Department's project manager until such time as all activities related to the Property are complete pursuant to this Contract. The first update shall be due within thirty (30) days of the execution date of this Contract and semi-annually thereafter.
 - A. The updates may be in summary letter format, but should include information about:
 - 1). The actions taken under this Contract during the previous reporting period;
 - 2). Actions scheduled to be taken in the next reporting period;
 - 3). Sampling, test results, and any other data in summary form, generated during the previous reporting period regardless of whether the data was collected pursuant to this Contract; and
 - 4). A description of any environmental problems experienced during the previous reporting period and the actions taken to resolve them.

B. The Department's project manager may allow an extended schedule between updates based on case-specific conditions.

SCHEDULE

8. Pedcor shall perform all activities and response actions pursuant to this Contract in an expeditious manner. In the event that circumstances cause a delay in implementation of the response actions, the Department may require implementation of interim measures to stabilize Contamination or prevent unacceptable exposures. Pedcor shall implement the interim measures in accordance with a Department-approved plan.

DECLARATION OF COVENANTS AND RESTRICTIONS

9. Pedcor or its Beneficiaries shall enter, and record, a Declaration of Covenants and Restrictions (Declaration) for the Property to restrict future use of the Property such that the Property shall not be used for the following purposes: (a) single family residences including patio homes, townhomes, or any other residential developments that would serve to subdivide the Property and include individually owned units and controlled land; (b) agricultural use; or (c) active outdoor recreational use, such as playgrounds or athletic fields, without engineered controls or other reasonable contamination control measures, which shall serve to prevent human exposure to soil. Additional restrictions may be required based on the response actions completed under this Contract and as may be required per Paragraphs 4.H.1.b. or 4.H.2.c of this Contract. The recorded Declaration shall be incorporated into this Contract as an Appendix and shall be implemented as follows:

A. The Department shall prepare and sign the Declaration prior to providing it to Pedcor. An authorized representative of Pedcor or its Beneficiaries shall sign the Declaration within ten (10) days of receipt. All signatures shall be witnessed and signed and sealed by a notary public.

- B. Pedcor or its Beneficiaries shall record the executed Declaration with the Register of Deeds for the county where the Property is located.
- C. Pedcor or its Beneficiaries shall provide a copy of the recorded Declaration to the Department within sixty (60) days of the Department's execution. The copy shall show the date and Book and Page number where the Declaration has been recorded.
- D. In the event that Contamination exceeds levels acceptable for unrestricted use (EPA RSLs for residential use and/or MCLs) on a portion of the Property, Pedcor or its Beneficiaries may create a new parcel of that portion of the property that will be subject to the Declaration.
- E. The Declaration shall be noted on the master deed of any planned development for the Property and noted, or referenced thereafter, on each individual deed of property subdivided from the Property and subject to the Declaration.
- F. The Declaration shall reserve a right of entry and inspection for Pedcor or its Beneficiaries that may be transferred to another single individual or entity for purposes of compliance monitoring.
- 1). Pedcor or its Beneficiaries shall ensure that the restrictions established by the Declaration remain on any subdivided property.
 - 2). Pedcor or its Beneficiaries shall create a procedure to provide a single point of contact responsible for documenting current land use and compliance with the Declaration regardless of the Property's ownership status. The procedure shall be reviewed and approved by the Department before it is implemented.
- G. The Declaration shall provide that the Department has an irrevocable right of access to the Property after Pedcor acquires the Property, and such right of access

shall remain until remediation is accomplished for unrestricted use and monitoring is no longer required. Such access shall extend to the Department's authorized representatives and all persons performing response actions on the Property under the Department's oversight.

- H. Pedcor or its Beneficiaries, or the individual or entity responsible for compliance monitoring, shall annually document the Property's land use and compliance with the Declaration to the Department. The report shall be submitted by May 31st of each year in a manner and form prescribed by the Department.
- I. The Department may amend the Declaration in response to changes in law, completion of remedial actions meeting the applicable standards in effect at the time, or if other circumstances of the Property change; however, said amendment shall not be applied retroactively unless expressly provided for in the legislation. An amendment may strengthen, relax, or remove restrictions based on the EPA RSL Summary Table in effect at that time; however, the Department shall not impose a more restrictive condition based solely on changes in the EPA RSL Summary Table. An amendment to the Declaration shall be duly executed and recorded using procedures similar to those detailed above.

NOTIFICATION

- 10. All notices required to be given by either party to the other shall be in writing. Each party shall have a continuing obligation to identify a contact person, whose name, address, and telephone number must be updated to the other party, throughout the term of the Contract. Notices by electronic mail or facsimile shall be acceptable if acknowledged in writing by the recipient; with the delivery date being the date of acknowledgment or earlier date if stated in the acknowledgment. All other forms of notice shall be deemed sufficiently given if delivered at the address shown below, or at such place or to such agent as the parties may from time to time designate in writing, by: 1) regular U.S. Mail by which notice shall be deemed to occur seven (7)

A. All correspondence, notices, work plans, and reports shall be submitted to:

B. All correspondence and notices to Pedcor shall be submitted to Pedcor's designated contact person who as of the effective date of this Contract shall be:

FINANCIAL REIMBURSEMENT

A. Pedcor or its Beneficiaries shall reimburse the Department for its public participation costs and for oversight costs of activities specific to this Contract as provided by S.C. Code Ann. § 44-56-750(D). The oversight costs shall include the direct and indirect costs incurred by the Department in implementing the Voluntary Cleanup Program as related to this Contract, and any future amendments thereto, and may include costs related to this Contract and incurred by the Department

prior to execution of this Contract. Invoices for oversight costs will be sent to Pedcor on a quarterly basis. All costs are payable to the Department within thirty (30) days of the Department's invoice submitted to:

Michael S. Byron, VP – Development
Pedcor Investments-2023-CXCIII, L.P.
770 3rd Avenue SW
Carmel, Indiana 46032

- 1). Failure to submit timely payment for costs upon receipt of the Department's invoice is grounds for termination of the Contract pursuant to Paragraph 16 herein.
- 2). Payment for costs incurred by the Department pursuant to this Contract shall become immediately due upon termination of the Contract by any party pursuant to Paragraph 16 herein.

ACCESS TO THE PROPERTY

12. Pedcor agrees the Department has an irrevocable right of access to the Property for environmental response matters after Pedcor acquires the Property. This right of access remains until such time as remediation is accomplished for unrestricted use and monitoring is no longer required and shall extend to the Department's authorized representatives and all other persons performing response actions on the Property under the Department's oversight.

CERTIFICATE OF COMPLETION AND COVENANT NOT TO SUE

13. A Certificate of Completion shall be issued to Pedcor or its Beneficiaries for the Property under this Contract as follows:

A. Pedcor or its Beneficiaries shall request a Certificate of Completion pursuant to S.C. Code Ann. § 44-56-750(C)(1) after the response actions are completed and

any required Declarations are recorded pursuant to this Contract. The request shall be in writing and shall report 1) the amount of soil that was removed or remediated on the Property and 2) the cost of all environmental work conducted pursuant to this Contract.

B. Pursuant to S.C. Code Ann. § 44-56-750(C)(1) the Department shall issue the Certificate of Completion with its covenant not to sue upon determining that Pedcor or its Beneficiaries has successfully and completely complied with the Contract and the voluntary cleanup approved under S.C. Code Ann. §§ 44-56-710 through 760.

C. The Department may issue a Provisional Certificate of Completion if the substantive response actions required under this Contract are complete and a required Declaration has been recorded but all actions under this Contract have not been completed due to Property-specific circumstances.

- 1). A Provisional Certificate of Completion will include specific performance standards that Pedcor or its Beneficiaries shall continue to meet.
- 2). The Provisional Certificate of Completion may include the Department's covenant not to sue for Existing Contamination; however, said covenant shall be automatically revoked if Pedcor or its Beneficiaries do not satisfactorily complete the requirements of the Contract as stipulated in the Provisional Certificate of Completion.

ECONOMIC BENEFITS REPORTING

14. Pedcor or its Beneficiaries shall report information to the Department that demonstrates that the activities pursuant to this Contract have been beneficial to the State and community. The report shall be submitted within two (2) years after the execution date of this Contract, and annually thereafter until two (2) years after redevelopment of the Property is complete. Pedcor shall summarize the new operations at the Property, the number of jobs created, the amount of property taxes

paid, and the total amount invested in the Property for property acquisition and capital improvements.

CONTRACT OBLIGATIONS AND PROTECTIONS INURE

15. The terms, conditions, obligations, and protections of this Contract apply to and inure to the benefit of the Department, Pedcor, and its Beneficiaries as set forth below. The following stipulations apply to ensure the transition of all obligations and protections to successive Beneficiaries for any portion of the Property:

- A. Pedcor or its Beneficiaries shall provide a copy of this Contract and applicable Appendices to any Successor. Transmittal of the Contract copy may be through any commonly accepted mechanism.
- B. Pedcor and its Beneficiaries shall not allow residential occupancy on any portion of the Property prior to obtaining the Certificate of Completion or a Provisional Certificate of Completion specific to that portion of the Property allowing residential occupancy.
- C. If the Certificate of Completion has not been issued, Pedcor or its Beneficiaries shall request approval from the Department prior to transferring the obligations and protections of this Contract to a new person or entity. The Department shall not unreasonably withhold its approval upon receipt of a Non Responsible Party Application for Voluntary Cleanup Contract documenting that the new person or entity:
 - 1). Is not a Responsible Party for the Site;
 - 2). Has sufficient resources to complete the activities of this Contract;
 - 3). Will not use the Property for activities that are inconsistent with the terms and conditions of this Contract;
 - 4). Will assume the protections and all obligations of this Contract; and

5). Will, in the Department's sole discretion, provide a measurable benefit to the State and the community as a result of this transfer.

D. If the Certificate of Completion has been issued and the portion of the Property is subject to a Declaration or other ongoing obligation pursuant to this Contract, Pedcor or its Beneficiaries shall provide written notification to the Department identifying the new individual or entity within thirty (30) days after the effective date of the ownership change or other possessory transfer of the Property.

1). The notification shall include a signed statement from the new individual or entity that its use of the Property will remain consistent with the terms of the Contract and the Declaration, and that it will assume the ongoing obligations and protections of this Contract.

2). This requirement is waived for an individual or entity acquiring a portion of the Property for individual residential or commercial use provided the Declaration is noted on the master deed for the planned development, and the Department has approved the procedure for a single point of contact responsible for documenting current land use and compliance with the Covenant.

E. If a Certificate of Completion has been issued and the Property is not subject to a Declaration or other continuing obligation pursuant to this Contract, no notification is required.

CONTRACT TERMINATION

16. Pedcor, its Beneficiaries, and the Department each reserve the right to unilaterally terminate this Contract by giving thirty (30) days advance written notice to the other party. Termination shall be subject to the following:

A. The Department may not terminate this Contract without cause and before termination shall provide Pedcor or its Beneficiaries an opportunity to correct the cause(s) for termination, which may include, but is not limited to, the following:

- 1). Failure to complete the terms and conditions of this Contract;
- 2). Change in Pedcor's or its Beneficiaries' business activities on the Property or use of the Property that are inconsistent with the terms and conditions of this Contract;
- 3). Failure to submit timely payment for costs upon receipt of the Department's invoice;
- 4). Failure of Pedcor or its Beneficiaries to implement appropriate response actions for additional Contamination or releases caused by Pedcor or its Beneficiaries;
- 5). Knowingly providing the Department with false or incomplete information or knowing failure to disclose material information;
- 6). Failure by Pedcor or its Beneficiaries to obtain the applicable permits from the Department for the response actions or other activities undertaken at the Property pursuant to this Contract; or
- 7). Failure by Pedcor or its Beneficiaries to make material progress toward the expansion, redevelopment, or reuse of the property as determined by the Department upon consideration of Pedcor's or its Beneficiaries' marketing efforts, regional economic conditions, and other pertinent information on the Property.

B. Should Pedcor or its Beneficiaries elect to terminate this Contract, that party shall certify to the Department's satisfaction that any environmental or physical hazards caused or contributed by Pedcor or its Beneficiaries have been stabilized or mitigated such that the Property does not pose hazards to human health or the environment.

C. Termination of this Contract by any party does not waive the Department's authority to require response action under any applicable state or federal law.

- D. Termination of this Contract by any party does not end the obligations of Pedcor or its Beneficiaries to pay costs incurred by the Department pursuant to this Contract. Upon termination of this Contract, payment for such costs shall become immediately due.
- E. Upon termination of this Contract, the protections provided under this Contract shall be null and void as to any party who participated in actions giving rise to termination of the Contract. Revocation of protections shall also apply to that party's lenders, parents, subsidiaries, and successors, including lessees, heirs, devisees, and other parties taking an interest in the Property through that party who participated in actions giving rise to termination of the Contract. The protections will continue for any party who has received protections through a Certificate of Completion for this Contract, and who did not participate in the actions giving rise to the termination.

ENTITLEMENT OF PROTECTIONS AND BENEFITS

17. Pedcor and its Beneficiaries are entitled to the protections and benefits in regard to Existing Contamination provided by South Carolina statutes as follows:

- A. Effective on the date this Contract is first executed by the Department:
- 1). Protection from contribution claims under CERCLA § 113, 42 U.S.C. § 9613 and S.C. Code Ann. § 44-56-200.
 - 2). Protection from third-party claims as provided by S.C. Code Ann. § 44-56-750(H).
 - 3). Eligibility to file annual application for Voluntary Cleanup Activity Tax Credits pursuant to the Income Tax Act, S.C. Code Ann. § 12-6-3550.
- B. Effective on the date the Certificate of Completion is issued by the Department.

- 1). The Department's covenant not to sue Pedcor and its Beneficiaries for Existing Contamination but not for any Contamination, releases, and consequences caused or contributed by Pedcor or its Beneficiaries.
- 2). Specific tax credits or additional benefits expressly contingent in South Carolina statutes on issuance of the Certificate of Completion.

C. These Protections and Benefits do not apply to any Contamination, releases, and consequences caused or contributed by Pedcor or its Beneficiaries. The Department retains all rights under State and Federal laws to compel Pedcor and its Beneficiaries to perform or pay for response activity for any Contamination, releases, and consequences caused or contributed by Pedcor or its Beneficiaries.

RESERVATION OF RIGHTS BY THE DEPARTMENT

18. Nothing in this Contract is intended to be, or shall be construed as, a release or covenant not to sue for any claim or cause of action, past or future, that the Department may have against any person, firm, or corporation other than Pedcor and its Beneficiaries. The Department reserves the right to undertake future response actions at the Site and to seek to compel parties, other than Pedcor and its Beneficiaries, to perform or pay for response actions at the Site. Nothing in this Contract shall in any way restrict or limit the nature or scope of response actions that may be taken or be required by the Department in exercising its authority under State and Federal law.

RESERVATION OF RIGHTS BY PEDCOR

19. Pedcor retains all rights to assert claims in law or equity against any person, company, or entity with respect to the Property, except as limited elsewhere by this Contract. Pedcor and its Beneficiaries specifically deny responsibility for response costs or damages resulting from Existing Contamination except for Contamination, releases, and consequences they cause or contribute. However, Pedcor and its Beneficiaries agree to undertake the requirements of this Contract.

BURDEN OF PROOF

20. Pedcor and its Beneficiaries shall have the continuing obligation to demonstrate that any newly discovered Contamination is not caused or contributed by Pedcor or its Beneficiaries. Pedcor and its Beneficiaries shall make this demonstration to the Department's satisfaction in accordance with State or Federal Law applicable to such newly discovered Contamination. For purposes of this clause, newly discovered Contamination means finding types of Contamination not previously identified at the Property or substantially higher concentrations of Existing Contamination.

LIMITATION OF CLAIMS BY PEDCOR AND ITS BENEFICIARIES

21. In consideration of the protections from the Department under this Contract, Pedcor and its Beneficiaries agree not to assert any claims or causes of action against the Department or to seek other costs, damages, or attorney's fees from the Department arising out of activities undertaken at the Property pursuant to this Contract. This limitation shall not extend to any claims or causes of action resulting from the Department's intentional or negligent acts or omissions, or the Department's willful breach of this Contract.

[Remainder of page left blank]

SIGNATORIES

22. The signatories below hereby represent that they are authorized to and do enter into this Contract on behalf of their respective parties.

**THE SOUTH CAROLINA DEPARTMENT OF HEALTH
AND ENVIRONMENTAL CONTROL**

BY:


Henry J. Porter, Chief
Bureau of Land and Waste
Management

DATE:

10-3-2023


Reviewed by Office of General Counsel

DATE:

10/2/23


PEDCOR INVESTMENTS-2023-CXCIII, L.P.

BY:

Michael S. Byron

DATE:

8/21/2023


Michael S. Byron, VP - Development

APPENDIX A

Application for Non Responsible Party Voluntary Cleanup Contract

Pedcor Investments-2023-CXCIII, L.P.

May 22, 2023



Non Responsible Party Application for Voluntary Cleanup Contract

I. Applicant Information

1. Applicant is a: ☒ Single Entity ☐ Co-Entity (Each Co-Entity must complete items 1-8)
2. Applicant Type: ☐ Private Individual /Sole Proprietorship ☒ For-profit Business (Corp., Partnership, etc.) ☐ Tax-Exempt Trust/ Corporation/ Organization ☐ Government / Other Public Funded Entity
3. Applicant's Legal Name Pedcor Investments-2023-CXCIII, L.P.

4. Contract Signatures for this Applicant

a. Authorized Signatory

Michael S. Byron

VP - Development

mbyron@pedcor.net

Name

Title

Email

770 3rd Avenue SW

317-218-2702

317-430-7916 (cell)

Address

Phone1

Phone2

Carmel

IN

46032

City

State

Zip

b. Other Signatories ☐ None

Name	Title	Phone	Email	Signature Required On Contract?
Jeremy Buchanan	SVP&Ch.LegalCounsel	(317) 705 - 7934	jeremyb@pedcor.net	<input type="checkbox"/>
		() -		<input type="checkbox"/>
		() -		<input type="checkbox"/>

5. Physical Location of Applicant's Headquarters

770 3rd Avenue SW

Street address

Carmel

Suite Number

City

IN

46032

State

Zip

6. Mailing address: ☒ Same as Authorized Signatory Go to question 7

Contact person (if different from Authorized Signatory)

Title

Street Number or PO Box

Phone1

Phone 2

City

State

Zip

Email

7. Company Structure Information ☐ Not-applicable (Local Government, Sole Proprietorship, Private Individual) - Go to Question #8

a. Company is Incorporated/ Organized/ Registered in Indiana (state)

b. List all principals, officers, directors, controlling shareholders, or other owners with >5% ownership interest.

Attach additional pages if needed.

Name

Please see attached - *Company Structure Information

Name

RECEIVED

MAY 22 2023

SITE ASSESSMENT,
REMEDIATION &
REVITALIZATION

- c. Is the applicant a subsidiary, parent or affiliate of any other business organization not otherwise identified on this form?
☐ Yes ☒ No

d. If yes, identify all affiliations:

8. Non-Responsible Party Certification

By signature below, it is affirmed that no person or entity identified anywhere above:

1. Is a current owner of the property
2. Is a Responsible Party for the site
3. Is a parent, successor, or subsidiary of any Responsible Party or owner of the property
4. Has had any involvement with the property in the past other than activities performed in anticipation of participation in the Voluntary Cleanup Program

THIS IS CERTIFIED AS A TRUE
AND CORRECT COPY

SIGNATURE M. M. M. M. M.

Authorized Signatory

Co Signatories

II. Property Information

9. Location

a. Physical Address 10424 Wilson Blvd (it has a Blythewood address, but is located in unincorporated Richland County)

b. County Richland Zip Code 29016

c. ☒ Property is outside any municipal boundaries ☐ Property is inside the municipal limits of _____ (town/city)

10. List any Companies or Site names by which the Property is known

Storey Site 10424 Wilson Boulevard

Barry L. Storey & Nan S. Easterlin

11. Total Size of Property Covered by this Contract 22.8 Acres

12. How many parcels comprise the Property? 1

13. Current Zoning (general description)

GC: General Commercial District. The GC: General Commercial District provides lands for a broad range of commercial uses, characterized primarily by retail, office, and service establishments, in a primarily automobile-oriented environment along corridors. Allowed uses include retail sales, personal and business services, recreation/entertainment, eating and drinking establishments, lodging, vehicle sales and services, and multi-family residential development. By right, GC-zoned property allows up to 16 multi-family dwelling units per acre.

14. a. Does the property have any above- or below-ground storage tanks? ☐ Yes ☒ No

b. If Yes, provide information on the number and capacity of the tanks, their contents, and whether they will be retained, or closed and/or removed.

THIS IS CERTIFIED AS A TRUE
AND CORRECT COPY

SIGNATURE M. W. W. W.

15. Parcel Information Complete the information below for each Parcel (attach additional sheets if needed)

a. Tax Map Parcel# R15000-05-04
b. Acreage 22.8
c. Current Owner Storey Barry L & Nan L E
d. Owner Mailing Address 3638 Walton Way Ext Sii
Augusta, GA
30909
e. Contact Person for Access Jim Trotter, their lawyer
f. Access Person's Phone # 706-737-3138
g. Is Parcel Currently Vacant? ☒ Yes ☐ No
h. Buildings on the parcel? ☒ None
(check all that apply) ☐ Demolished/Ruins
☐ Intact, To be demolished
☐ Intact, To be re-used
i. Business/facility operations ☒ Never Operated on the parcel
☐ Not operating since _____
(approx date)
☐ In operation: nature of the
business _____

a. Tax Map Parcel# _____
b. Acreage _____
c. Current Owner _____
d. Owner Mailing Address _____
e. Contact Person for Access _____
f. Access Person's Phone # _____
g. Is Parcel Currently Vacant? ☐ Yes ☐ No
h. Buildings on the parcel? ☐ None
(check all that apply) ☐ Demolished/Ruins
☐ Intact, To be demolished
☐ Intact, To be re-used
i. Business/facility operations ☐ Never Operated on the parcel
☐ Not operating since _____
(approx date)
☐ In operation: nature of the
business _____

a. Tax Map Parcel# _____
b. Acreage _____
c. Current Owner _____
d. Owner Mailing Address _____
e. Contact Person for Access _____
f. Access Person's Phone # _____
g. Is Parcel Currently Vacant? ☐ Yes ☐ No
h. Buildings on the parcel? ☐ None
(check all that apply) ☐ Demolished/Ruins
☐ Intact, To be demolished
☐ Intact, To be re-used
i. Business/facility operations ☐ Never Operated on the parcel
☐ Not operating since _____
(approx date)
☐ In operation: nature of the
business _____

a. Tax Map Parcel# _____
b. Acreage _____
c. Current Owner _____
d. Owner Mailing Address _____
e. Contact Person for Access _____
f. Access Person's Phone # _____
g. Is Parcel Currently Vacant? ☐ Yes ☐ No
h. Buildings on the parcel? ☐ None
(check all that apply) ☐ Demolished/Ruins
☐ Intact, To be demolished
☐ Intact, To be re-used
i. Business/facility operations ☐ Never Operated on the parcel
☐ Not operating since _____
(approx date)
☐ In operation: nature of the
business _____

a. Tax Map Parcel# _____
b. Acreage _____
c. Current Owner _____
d. Owner Mailing Address _____
e. Contact Person for Access _____
f. Access Person's Phone # _____
g. Is Parcel Currently Vacant? ☐ Yes ☐ No
h. Buildings on the parcel? ☐ None
(check all that apply) ☐ Demolished/Ruins
☐ Intact, To be demolished
☐ Intact, To be re-used
i. Business/facility operations ☐ Never Operated on the parcel
☐ Not operating since _____
(approx date)
☐ In operation: nature of the
business _____

a. Tax Map Parcel# _____
b. Acreage _____
c. Current Owner _____
d. Owner Mailing Address _____
e. Contact Person for Access _____
f. Access Person's Phone # _____
g. Is Parcel Currently Vacant? ☐ Yes ☐ No
h. Buildings on the parcel? ☐ None
(check all that apply) ☐ Demolished/Ruins
☐ Intact, To be demolished
☐ Intact, To be re-used
i. Business/facility operations ☐ Never Operated on the parcel
☐ Not operating since _____
(approx date)
☐ In operation: nature of the
business _____

III. Property Redevelopment

16. Describe the intended re-use of the property:
(attach additional sheets if necessary)

The Applicant intends to develop, build and manage for the long term a Section 42, Low Income Housing Tax Credit (LIHTC) workforce housing community consisting of 216 affordable apartment units with a fully-amenitized clubhouse, exercise facility, computer and business center, swimming pool, playground and other amenities for use by tenants and their guests. Please see the attached and proposed Kimley Horn Concept Site Plan.

17. a. Will the future use include any chemical processes, petroleum or chemical storage and handling, on-site waste disposal, or generate any hazardous substances? ☐ Yes ☒ No
b. If Yes, identify the substances and discuss steps that will be taken to prevent their release to the environment.

18. Will redevelopment lead to the creation of permanent jobs on the property? ☒ Yes Anticipated Number 4 - 5 permanent jobs
☐ No

19. Projected Increase to the Tax Base as a result of this redevelopment: \$ Unknown

20. a. Will there be Intangible benefits from this redevelopment such as:
☒ LEED, Earth Craft, EnergyStar, or similar certification of Sustainable Development
☐ Creation / Preservation of Green Space on the Property
☐ Deconstruction/ Recycling of demolition or building debris
☐ Other _____

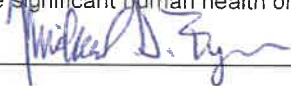
- b. Please Describe:

The new construction multifamily development will be built to meet and receive the multifamily new construction Energy Star certification.

21. Anticipated date of closing or acquiring title to the property 03 / 09 / 2024

22. Redevelopment Certification

By signature below, the applicant(s) affirm that their proposed use and activities will not knowingly aggravate or contribute to existing contamination or pose significant human health or environmental risks on the property.



Signature(s)

IV. Project Management And Financial Viability (Co-Entities, refer to instruction sheet)

23. Environmental Consulting Firm

☐ None as of this application date

Hanley Environmental, PLLC

* david.hanley@hanleyenvironmental.com

Company

323 Manning Dr

Charlotte

NC

28209

Address

City

State

Zip

David Hanley

34800

704-317-6970

269-377-0666

* see above

Project Contact1

S.C PE/PG Reg. #

Phone1

Phone 2

email

Project Contact 2

S.C PE/PG Reg. #

Phone1

Phone 2

email

24. Legal Counsel (Optional)

Moore & VanAllen

* lesleyfirestone@mvalaw.com

Firm

Lesley A. Firestone

843-579-7027

843-579-7000

Attorney

Phone1

Phone 2

78 Wentworth Street

Charleston

SC

29401

* See above

Street Number or PO Box

City

State

Zip

email

25. Applicant's Billing Address ☒ Same as Contact person in #6 above Go to question #26

Financial Contact

Title

Company

Phone

Address

City

State

Zip

26. Financial Viability

By signature(s) below, the applicant agrees to:

1. Pay the Department's costs upon receipt of invoices for implementing the Voluntary Cleanup Program for this Property, and
2. Provide financial statements, if requested, to document financial viability to conduct the response actions on the Property.

☐ Waiver Requested (Check Box If applicable)

The applicant is a Local Government or qualifies as a 501(c) Non-Profit Organization, and requests waiver of some Departmental costs of implementing this contract.

Signatures

V. Application Completion (The following are required along with this form. Check applicable boxes)

27. The Legal Description of the Property is attached as a: ☐ Plat Map ☐ Metes and Bounds Text ☒ Both

28. The Phase I Environmental Site Assessment Report is attached as a:

☐ New report completed in the past six months by _____

(Name of Environmental Firm)

☒ Older report updated in the past six months by The Phase I is being updated & will be provided prior to execution of the VCC

(Name of Environmental Firm)

29. Environmental sampling data and other reports: (check one)

☐ The Applicant is not aware of any environmental testing on the property☐ The Applicant believes the Department already has all environmental data in its files on: _____☒ The Following reports are attached:

(Site Name)

Report Date

Report Name

Environmental Firm

February 2, 2022

Limited Phase II Environmental Site Assessment Report

Hanley Environmental, PLLC

30. Mailing addresses of Former Owners, Operators and other Potentially Responsible Parties:(check one)

☒ Enclosed with this Application as an Attachment☐ Will be submitted along with (or before) the signed contract

31. The applicants attest by signature below that this application is accurate to their best knowledge. Furthermore, the applicants request DHEC evaluate the Property for inclusion in the Brownfields Voluntary Cleanup Program and draft a Non-Responsible Party Contract for the Property.

Signature(s)

This Section for Department Use Only

Assigned File Name		
Eligible for NRP Contract	<input type="checkbox"/> Y <input type="checkbox"/> N	
Assigned File Number		
Assigned Contract Number		

THIS IS CERTIFIED AS A TRUE
AND CORRECT COPYSIGNATURE [Signature]

30. Mailing Addresses of Current and Former Owners, Operators and other Potentially Responsible Parties:

Current Owners

Barry L. Storey
3638 Walton Way Ext., Suite 201
Augusta, GA 30909

Nan S. Easterlin
3638 Walton Way Ext., Suite 201
Augusta, GA 30909

Former Owners

Food Lion Plaza Partners, A Georgia General Partnership

A search of the public database of the South Carolina Secretary of State records as well as a search of the public database of the Georgia Secretary of State records revealed no such entity existed named "Food Lion Plaza Partners." A further search of the Georgia Secretary of State public database revealed a business named "Food Lion, LLC." The principal address of Food Lion, LLC is listed as:

2110 Executive Drive
Salisbury, NC, 28147-9007
USA

Per the Georgia Secretary of State, the registered agent for Food Lion, LLC is listed as:

Corporation Service Company
2 Sun Court, Suite 400
Peachtree Corners, GA 30092
USA

Park Street Associates

Status: Dissolved
Registered Agent: Wm. C. Cantley, Jr.
Address: 1310 Lady St.
Columbia, SC

Catherine Dale
Address unknown

Maxine L. Dale
Address unknown

THIS IS CERTIFIED AS A TRUE
AND CORRECT COPY

SIGNATURE M. M. W. W.

* **7. Company Structure Information**

Pedcor Investments, A Limited Liability Company, a Wyoming limited liability company, is the Manager of Blythewood Housing Company, LLC, an Indiana limited liability company.

Blythewood Housing Company, LLC, an Indiana limited liability company, is the General Partner of the Applicant, Pedcor Investments-2023-CXCIII, L.P.

The signature block for the Applicant is as follows:

Pedcor Investments-2023-CXCIII, L.P.,
An Indiana limited partnership

By: Blythewood Housing Company, LLC,
An Indiana limited liability company,
Its General Partner

By: Pedcor Investments, A Limited Liability Company,
A Wyoming limited liability company,
Its Manager

By: _____
Jared M. Houser, Executive Vice President

The Principals, officers, directors, controlling shareholders or other owners with > 5% ownership interest of Pedcor Investments, A Limited Liability Company, A Wyoming Limited Liability Company, are as follows:

<u>Principals</u>	<u>Ownership Interest</u>
Gerald K. Pedigo Trust Dated Aug 26, 1987	33.33% ownership interest
Bruce A. Cordingley	33.23% ownership interest
Phillip J. Stoffregen and Stoffregen Investments, LLC	33.33% ownership interest, undivided

THIS IS CERTIFIED AS A TRUE
AND CORRECT COPY

SIGNATURE M. M. Wood



June 17, 2024

Ms. Shuron Agnew
Pedcor Investments
770 Third Avenue S.W.
Carmel, Indiana 46032

**RE: Provisional Certificate of Completion effective until December 31, 2025
Voluntary Cleanup Contract 23-7758-NRP
Storey Property – 22.8 acres
Richland County, South Carolina**

Dear Ms. Agnew:

The South Carolina Department of Health and Environmental Control (Department) is in receipt of a request for a Certificate of Completion (CoC) for VCC 23-7758-NRP (VCC). Although some obligations of the VCC have been met, obligations remain to complete the terms of the VCC. Therefore, the Department is issuing this Provisional CoC to Pedcor Investments-2023-CXCIII, L.P. (Pedcor) that is conditional upon completion of the remaining obligations.

Previously, Pedcor submitted the following work plans and reports to meet the requirements of Voluntary Cleanup Contract 23-7758-NRP.

- Phase I Environmental Site Assessment Report – June 12, 2023
- VCC Work Plan – August 4, 2023
- VCC Work Plan Revision 1 – August 23, 2023
- VCC Assessment Report – December 19, 2023
- VI Mitigation Plan – January 22, 2024

Pedcor entered into a Declaration of Covenants and Restrictions (enclosed), which was recorded on June 7, 2024, in Book 2930-356 by the Richland County Register of Deeds.

The Department acknowledges at this time that the protections addressed in Paragraph 17.A of the VCC with regard to protection from contribution claims and from the third-party claims are effective but shall be void ab initio should the remaining obligations listed below not be satisfied on or before December 31, 2025.

The remaining obligations of the VCC include:

1. Installation of the Vapor Intrusion Mitigation system described in the Department approved VI Mitigation Plan.
2. A Stewardship Plan for the maintenance of the Vapor Mitigation System, upon installation.

Should unforeseen circumstances arise that may prevent completion of the remaining provisions by December 31, 2025, Pedcor must request a revised schedule for completion. Such request must be submitted to the Department no more than 30 days prior to the specified deadline above.

The Department looks forward to continuing to work with Pedcor to complete the VCC under the South Carolina Voluntary Cleanup Program. Should you have any questions or concerns with regard to this letter, please do not hesitate to contact me at (803) 898-0919 or by electronic mail at HodgesRF@dhec.sc.gov.

Sincerely,

A handwritten signature in blue ink, reading "Robert F. Hodges, Jr.", with a stylized flourish at the end.

Robert F. Hodges, Jr., P.G., Manager
Brownfields and Drycleaner Programs
Site Assessment, Remediation and Revitalization
Bureau of Land and Waste Management

cc: BLWM File # 59745
email: Veronica Barringer, Area Director, Midlands EA – barrinv@dhec.sc.gov
Jeremy Buchanan, Pedcor – jeremyb@pedcor.net
David Hanley, Hanley Environmental – David.hanley@hanleyenvironmental.com
Lesley Firestone, Moore & VanAllen – lesleyfirestone@mvalaw.com

VAPOR INTRUSION MITIGATION PLAN

Storey Property

**10424 Wilson Boulevard
Richland County, South Carolina 29016
Voluntary Cleanup Contract 23-7758-NRP
Project Number: PJ22040**

January 22, 2024

Prepared for:

Pedcor Investments-2023-CXCIII, L.P.
770 3rd Avenue SW
Carmel, Indiana 46032



Hanley Environmental, PLLC
323 Manning Drive
Charlotte, North Carolina 28209
SC COA No. 6674
T: (704) 317-6970
www.hanleyenvironmental.com



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Figure 1 Site Vicinity Map

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1.0 INTRODUCTION

This Vapor Intrusion Mitigation Plan (VIMP) presents general specifications for vapor intrusion mitigation systems (VIMS) for the proposed buildings at the property located at 10424 Wilson Boulevard, Richland County, South Carolina(the site). A map depicting the site vicinity is included as **Figure 1**.

The site is being redeveloped for residential use under the South Carolina Department of Health and Environmental Control (SCDHEC) Voluntary Cleanup Program (VCC 23-7758-NRP). The proposed development will consist of nine apartment buildings, one clubhouse building, and associated amenities. This plan includes a basis of design along with quality assurance/quality control (QA/QC) procedures; system effectiveness testing requirements; and operation, maintenance, monitoring (OM&M), and reporting procedures. Detailed system design engineering drawings and construction specifications will be generated following completion of architectural and engineering plans for the site buildings. This VIMP provides general specification and system requirements that will be adhered to in the engineering design.

1.1 Site Overview and Assessment Summary

Previous environmental assessments performed at the site are summarized in documents listed below. Data summary excerpts from these reports are included in **Appendix A**.

- *Phase I Environmental Site Assessment Report, Revision 2* dated October 2, 2023, prepared by Hanley Environmental, PLLC.
- *Limited Phase II Environmental Site Assessment Report, Revision 1* dated September 18, 2023, prepared by Hanley Environmental, PLLC.
- *Environmental Investigation Report* dated December 19, 2023, prepared by Hanley Environmental, PLLC.

These assessments identified several volatile organic compounds (VOCs) including benzene, 1,3-butadiene, chloroform, ethylbenzene, heptane, 4-methyl-2-pentanone, naphthalene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and xylenes in soil gas at concentrations exceeding the United States Environmental Protection Agency (EPA) Residential Target Sub-Slab and Near-Source Soil Gas Concentration Screening Levels (SGSLs).

To further evaluate the soil gas data, soil gas concentrations were input into the EPA Vapor Intrusion Screening Level (VISL) calculator. Calculations were completed for residential use exposure scenarios. The target cancer risk (TCR) exceeded 10^{-6} in six samples, and the target hazard quotient (THQ) exceeded 1 in two samples. The Voluntary Cleanup Contract (VCC) specifies that evaluation of corrective measures should be performed if the results of the vapor intrusion assessment indicate that contaminant concentrations exceed levels of 10^{-6} cancer risk or a hazard quotient/hazard index of 1 for non-carcinogens. Based on the results of the *Environmental Investigation Report*, SCDHEC indicated in a letter dated December 29, 2023, that a VIMP is necessary for the site.

1.2 Proposed Development Overview

Pedcor intends to develop, build, and manage for the long-term a Section 42 Low Income Housing Tax Credit (LIHTC) workforce housing community consisting of approximately 216 affordable apartment units with a fully-amenitized clubhouse, and other amenities for use by tenants and their guests. Nine apartment buildings and one clubhouse building are proposed. Community amenities may include a playground and a swimming pool. Preliminary site development plans are included in **Appendix B**.

1.3 System Overview and Objectives

The objective of the proposed VIMS is to satisfy requirements of Paragraph 4.H.2.d of the VCC and to reduce occupant exposure to volatile compounds originating from subsurface contamination in the planned site buildings to acceptable risk levels. This will be achieved by installing a vapor intrusion barrier beneath the slab to reduce upward migration of volatile

contaminants while also providing a pathway for venting of soil gas from below building floor slab to above the building roof, reducing the likelihood of soil gas containing hazardous chemicals from entering the occupied building space.

Use of specific guidance documents and standards in development of this VIMP is described in Section 2.0. This VIMP requires implementation of the specified QA/QC procedures, effectiveness testing requirements, contingency activation requirements, and reporting procedures. Failure to implement these procedures and requirements may limit the system's effectiveness.

2.0 DESIGN BASIS

The VIMP was developed in general accordance with design standards contained in *Soil Gas Control Systems in New Construction of Multifamily, School, Commercial and Mixed-Use Buildings* (ANSI/AARST CC-1000-2018-0523), and also in consideration of guidance including the ITRC *Technical Resources for Vapor Intrusion Mitigation* dated December 2020. System design engineering drawings and construction specifications will be developed in the future following completion of architectural and engineering plans for the site buildings.

Each VIMS will provide soil gas control beneath ground-contact, enclosed areas within the proposed buildings by installing a vapor intrusion barrier beneath the slab to reduce upward migration of volatile contaminants while also providing a pathway for venting of soil gas from below building floor slabs to above building roofs, reducing the likelihood of soil gas containing volatile contaminants from entering occupied building space. Each VIMS will initially operate as a passive system and will provide venting without the use of electric fans. If warranted based on performance monitoring data, the systems may be converted to active systems in the future with the addition of electric fans. Contingency measures for conversion to active systems are included in Section 5.2.

In general, VIMS components in each building will include:

- A vapor intrusion barrier system beneath the concrete slab consisting of a minimum 20-mil thickness, multi-layer, plastic extrusion sheet sealed at the seams, penetrations, and terminations. Acceptable barrier products that may be used are listed below, and alternative products may be used with approval of the VIMS design engineer:
 - VaporBlock® Plus™ 20 manufactured by Viaflex Industries.
 - Stego® Wrap 20-Mil Vapor Barrier manufactured by Stego Industries, LLC.
- A gas permeable layer beneath the vapor barrier consisting of at least 4 inches in depth of washed #57 stone with <5% fines, or another gravel that meets ASTM C33 requirements for size numbers 5, 56, 57, or 6, with the gas permeable layer enclosed on the top and sides by the concrete slab or footings;
- A system of vapor collection vents within the gas permeable layer serving as an inlet for soil gas and providing routing to soil gas exhaust vent pipes. The sub-slab vapor collection system shall consist of a low profile geosynthetic mat intended for sub-slab vapor transport measuring 12" wide by 1" tall (e.g., Vapor-Vent™, EPRO Services, Inc; Geovent™ CETCO) and associated fittings.
- Soil gas exhaust vent pipes consisting of solid PVC piping extending from the gas permeable layer beneath building slabs to exhaust outlets above building roofs. Exhaust vent piping shall consist of minimum 3-inch diameter, Schedule 40, solid PVC piping meeting local plumbing code. The number and locations of risers in each building will be specified in the engineering design, and shall meet the requirements of *Soil Gas Control Systems in New Construction of Multifamily, School, Commercial and Mixed-Use Buildings* (ANSI/AARST CC-1000-2018-0523). Exhaust ventilation piping shall be located within walls or shall be similarly protected from damage.
- Exhaust outlets at the terminations of exhaust vent riser pipes above building roofs with slotted caps that draw out soil gas using the Venturi effect (e.g., Aura Model AV-3-PVC ventilation cap, or engineer-approved equivalent).

- Electrical conductors providing 120V service from a dedicated breaker shall be provided within 3 feet of the exhaust pipe roof penetration locations, installed in accordance with applicable codes. The box shall be labeled “Soil Gas Fan” and shall provide continuous service when activated and shall not be joined to mechanical or automated systems that could deactivate the breaker. Conductors may be used to run an electric fan installed on riser pipes in the future, if needed.
- Vacuum monitoring points (VMPs) consisting of PVC piping installed through the slab and vapor intrusion barrier and open to the gas permeable layer to allow for measurement of pressure field extension and sub-slab soil gas sample collection from the gas permeable layer following slab installation.

Product information for VIMS barrier components and outlet caps is included in **Appendix C**. Specified barrier products were selected based on factors including thickness, chemical resistance to constituents of concern, concentrations of constituents of concern, puncture and tensile strength, and other factors. Other system design parameters (e.g., gas permeable layer design; type and placement of vapor collection vents, number and diameter of exhaust vent pipes, number and placement of VMPs) were based on standards in the *Soil Gas Control Systems in New Construction of Multifamily, School, Commercial and Mixed-Use Buildings* (ANSI/AARST CC-1000-2018-0523), the *Standard Plan: Methane Hazard Mitigation* (City of Los Angeles Department of Building and Safety, 2010), and/or professional experience with similar system designs.

3.0 QUALITY ASSURANCE/QUALITY CONTROL

Quality assurance/quality control (QA/QC) procedures during installation will consist of inspections for compliance with design specifications. The following inspections will be performed at each building during construction of the VIMS.

- Sub-slab system components (e.g., gas permeable layer thickness, soil gas inlets and piping) will be inspected prior to being covered with a vapor intrusion barrier.

- Placement of the vapor intrusion barrier will be inspected prior to pouring the concrete slab. Smoke testing will be performed in accordance with vapor intrusion barrier manufacturer requirements, with a minimum of one smoke test per 1,000 square feet.
- Exhaust riser piping will be inspected prior to covering with drywall or other finishings.
- Exhaust outlets will be inspected after installation.

Inspections will be performed and documented by personnel under direction of a South Carolina registered Professional Engineer, including photographs and field logs. Findings that do not meet specifications will be re-inspected following correction.

4.0 SYSTEM EFFECTIVENESS TESTING

System effectiveness testing will include pressure field extension testing and sub-slab soil gas sampling described in the following sections. Buildings shall not be occupied for residential use until pre-occupancy system effectiveness testing demonstrates acceptable system performance on a per-building basis, as described in this section.

4.1 Pressure Field Extension Testing

Pressure field extension testing will be performed prior to occupancy in buildings to verify that areas below the slab can be effectively influenced by the piping network. Pressure field extension testing will occur after building slabs have been cast. The evaluation will include connecting one or more fans to exhaust vent piping and measuring the resulting vacuum within the gas permeable layer at strategic locations. This testing will verify that no changes are needed for the design of exhaust vent piping assemblies. VMPs will be installed at strategic locations, including locations remotely distant from the exhaust vent pipe risers, to evaluate effectiveness and consistency of vacuum propagation/soil gas transport beneath the building slab.

Testing will be performed before riser pipes are extended to the building roof. One or more fans will be connected to riser pipes to apply a vacuum to the gas permeable layer and the

pressure differential in nearby VMPs will be measured and recorded. The vacuum measurements will be evaluated for evidence of poor effectiveness and inconsistencies, and consideration of system modifications will be taken if such evidence is identified. Results of pre- or post-occupancy sampling may be considered when evaluating whether system modifications are warranted, and may be used to select appropriate fans or blowers if future system activation is necessary (Section 5.2).

Pressure field extension testing activities and results will be presented in the VIMS Installation Report (Section 7.0).

4.2 Sub-Slab Soil Gas Sampling

Sub-slab soil gas sampling will be performed following completion of the VIMS installation at each building and again approximately six months after initial sample collection to evaluate site conditions under varied weather/heating and cooling conditions. The initial sampling event will be conducted following enclosure of the building envelope and prior to building occupancy.

During each sampling event, a minimum of two samples will be collected from beneath each residential building footprint and one sample will be collected from beneath the clubhouse building. Summa® canisters with either 1-liter or 1.4-liter capacity will be used to collect sub-slab soil gas samples. Canisters will be inspected prior to sampling to verify that vacuum levels are within 10% of the level recorded by the laboratory prior to shipment. Dedicated tubing and flow controllers will be used at each sample collection point. Each sub-slab sampling point will be sampled by connecting sample tubing to each VMP. PTFE or nylon tubing will be used for sample collection. A short length of flexible Tygon® tubing may be used to connect the VMP to the sample tubing.

Vacuum shut-in testing will be performed at each sample location by connecting the flow controller to the Summa® canister and closing the flow regulator inlet with a laboratory-provided cap. The Summa® canister will then be opened, the vacuum level will be recorded,

and the Summa[®] canister will be closed. The vacuum gauge will be observed to assess whether vacuum loss occurs. If vacuum loss is observed, the connections will be improved or components may be replaced, and the test will be repeated until no vacuum losses are observed. At least three sample train volumes of air will be purged from each sample point prior to sampling. During purging, the sample canister, tubing, and sample point will be surrounded with a shroud. The shroud will be filled with helium and the concentration will be measured using a Dielectric MGD 2002 helium detector (or similar). Purged vapors will be collected in Tedlar[®] bags using a peristaltic pump, syringe, or lung box. The helium concentration of the vapor in the Tedlar[®] bags will be measured. If the concentration of helium in extracted vapors is greater than 10% of the helium concentration in the shroud, the sample train connections and sampling point seal will be reevaluated and improved, and additional helium testing will be performed until an acceptable result of less than 10% of the shroud helium concentration is measured.

Following purging and leak testing, a soil gas sample will be collected into the sample canister at an approximate flow rate less than or equal to 200 mL/min. A target final vacuum level of approximately 5 to 10 inches of mercury (in Hg) vacuum will be used. Canisters will not be allowed to reach zero vacuum. After sampling, the canisters will be transported under chain-of-custody protocols via courier to the laboratory for analysis. The soil gas samples will be analyzed for VOCs by EPA Method TO-15 for compounds previously detected in site media as listed in **Appendix D**.

Analytical results will be input into the EPA VISL risk calculator to evaluate the soil gas to indoor air exposure risk pathway for residential receptors, and results will be compared to acceptable risk thresholds specified in Paragraph 4.2.H.d of the VCC (incremental lifetime cancer risk of 10^{-6} and hazard index of 1) on a per-building basis. Risk calculations using default parameters will not account for the presence of a vapor intrusion mitigation barrier and venting system. Therefore, the default vapor intrusion risk calculations should be considered very conservative, and will not be representative of the actual risk to building

occupants. These risk calculations will be used to evaluate the need for indoor air sampling rather than to evaluate risk to occupants. If results indicate soil gas to indoor air exposure risk is below the acceptable risk thresholds in a building, no further sampling will be required. If results exceed risk thresholds in a building, indoor air sampling will be performed in that building as described in Section 4.3. Sampling activities will be summarized, and results will be presented, in the *Vapor Intrusion Mitigation System Installation Report* and *Vapor Intrusion Mitigation System Monitoring Report* (Section 7.0).

4.3 Indoor Air Sampling (If Necessary)

If results of the soil gas sampling in a building (as described in Section 4.2) indicate that acceptable risk thresholds specified in the VCC for the soil gas to indoor air pathway are exceeded for residential receptors (incremental lifetime cancer risk of 10^{-6} and hazard index of 1), indoor air samples will be collected from that building concurrently from areas approximately co-located with sub-slab soil gas samples. Sampling will be performed following completion of the VIMS installation and after enclosure of the building envelope. Additionally, one background sample will be collected concurrently from an upwind, outdoor location.

Summa® canisters with 6-liter capacity individually certified by the laboratory will be used to collect indoor air and background air samples. Canisters will be inspected prior to sampling to verify that vacuum levels are within 10% of the level recorded by the laboratory prior to shipment. Dedicated pressure gauges and flow controllers will be used at each sample collection point. Prior to sample collection, a building survey and pre-sampling evaluation will be conducted to document conditions and identify possible background sources.

Sample canisters will be placed with the air intakes at approximately 4 to 6 feet above the floor or ground surface and at least five feet from exterior walls. The samples will be collected over a 24-hour sample period. Vacuum readings on the canisters will be recorded before and after sample collection. A target final vacuum level of approximately 5 to 10 in Hg vacuum will be used. Canisters will not be allowed to reach zero vacuum. Weather conditions

including relative humidity, temperature, atmospheric pressure, wind speed, and wind direction will be recorded from a nearby public weather station at the time of sampling.

After sampling, the canisters will be transported under chain-of-custody protocols via courier to the laboratory for analysis. The samples will be analyzed for VOCs by EPA Method TO-15 for compounds previously detected in site media as listed in **Appendix D**.

Analytical results will be input into the EPA VISL risk calculator to evaluate the indoor air exposure risk pathway for residential receptors, and results will be compared to the acceptable risk thresholds specified in the VCC (incremental lifetime cancer risk of 10^{-6} and hazard index of 1). Risk calculations should only include contributions from compounds originating from subsurface vapor intrusion, and should exclude compound originating from background sources, building materials, ambient air, or other sources. Sampling activities will be summarized, and results will be presented, in the *VIMS Installation Report* and/or *VIMS Monitoring Report* (Section 7.0). If results are favorable (below acceptable risk thresholds) in a building, no further indoor air sampling will be required.

5.0 SYSTEM OPERATION AND MAINTENANCE

5.1 Operation and Maintenance

The following O&M procedures are recommended to be performed on an annual basis to maintain system performance.

- Perform visual inspections of vent riser exhaust outlets to confirm that vent caps are in place and outlets are not blocked. Confirm exhaust outlets are a minimum of 10 feet from building air intakes, openings in structures, or breathing spaces where individuals congregate or transverse.
- Inspect visible riser piping (if any) for damage or alterations.
- Check that VMPs are capped.
- Inspect buildings for signs that modifications have been made which could affect system performance (e.g., cuts in concrete for utility work).

- Verify no additions to buildings have been made resulting in new enclosed areas that may require vapor intrusion mitigation.

O&M activities should be documented, and records maintained by the owner or property manager. Issues identified that could affect system performance should be evaluated by a qualified professional for resolution.

5.2 Contingency for System Activation

If monitoring indicates that the VIMS cannot provide effective vapor intrusion mitigation in a building passively, contingency measures will be implemented which provide for conversion of the system from a passive system to an active system in that building. With an active system, electric fans will be used to place a vacuum on exhaust vent pipes to depressurize the sub-slab relative to indoor air.

If pre- or post-occupancy indoor air monitoring activities and possible subsequent evaluations indicate that acceptable risk thresholds specified in the VCC for indoor air are exceeded for residential receptors (incremental lifetime cancer risk of 10^{-6} and hazard index of 1) with the VIMS operating passively in accordance with this VIMP, system activation will be required. Contingency decisions should be made based on risk calculations using indoor air data rather than sub-slab soil gas data to account for the presence of a VIMS. Risk calculations should only include contributions from compounds originating from subsurface vapor intrusion, and should exclude compound originating from background sources, building materials, ambient air, or other sources.

To implement system activation, a South Carolina licensed Professional Engineer will prepare a VIMP Addendum to specify installation of electronic fans, low vacuum alarms, and additional monitoring requirements. The design will include an evaluation of the need for an intrinsically safe system based on the presence of flammable concentrations of petroleum hydrocarbons, methane, or other vapors. The plan addendum will be submitted to the

SCDHEC Voluntary Cleanup Program. If warranted, interim measures (e.g., use of temporary fans or indoor air purification units) may be implemented.

6.0 FUTURE TENANTS & BUILDING USES

Performance of the VIMS requires continued adherence to the system OM&M requirements from future owners and property managers. Notification of the presence and requirements of the systems must be given to building property management by the owner, and future owners should be made aware of system requirements. Building modifications should not alter system components (e.g., vapor intrusion barrier, VMPs, riser pipes) without approval from a Professional Engineer. If the vapor intrusion barrier is exposed or penetrated (e.g., for installation of sub-slab utilities), approval is required. Approved changes to system components should be conducted under the QA/QC requirements described in Section 3.0. System changes should be documented in revised as-built drawings.

7.0 REPORTING

Documentation of construction, deviations from the design, and information on OM&M of the VIMS will be presented in one or more *VIMS Installation Reports*, which will be submitted to SCDHEC. The reports will include the following components:

- A description of the system components and objectives.
- A summary of construction QA/QC activities including inspection records.
- Results and evaluation of effectiveness testing.
- As-built drawings documenting the final locations and construction details of system components.
- System operation and maintenance requirements.
- System monitoring requirements.
- Certification by a South Carolina Professional Engineer.

Depending on construction and occupancy sequencing, *VIMS Installation Reports* may be submitted to the SCDHEC on a per-building basis. Buildings shall not be occupied for

residential use until system effectiveness testing demonstrates acceptable system performance on a per-building basis.

Following the second sub-slab sampling event (and indoor air sampling event, if necessary), one or more *Vapor Intrusion Mitigation System Monitoring Reports* describing monitoring procedures and presenting results will be submitted to SCDHEC.

8.0 REFERENCES

American National Standards Institute/ American Association of Radon Scientists and Technologists, *Soil Gas Control Systems in New Construction of Multifamily, School, Commercial and Mixed-Use Buildings* CC-1000-2018-0523, dated 2018, revised May 2023.

Hanley Environmental, PLLC. *Phase I Environmental Site Assessment Report, Revision 2* dated October 2, 2023.

Hanley Environmental, PLLC *Limited Phase II Environmental Site Assessment Report, Revision 1* dated September 18, 2023.

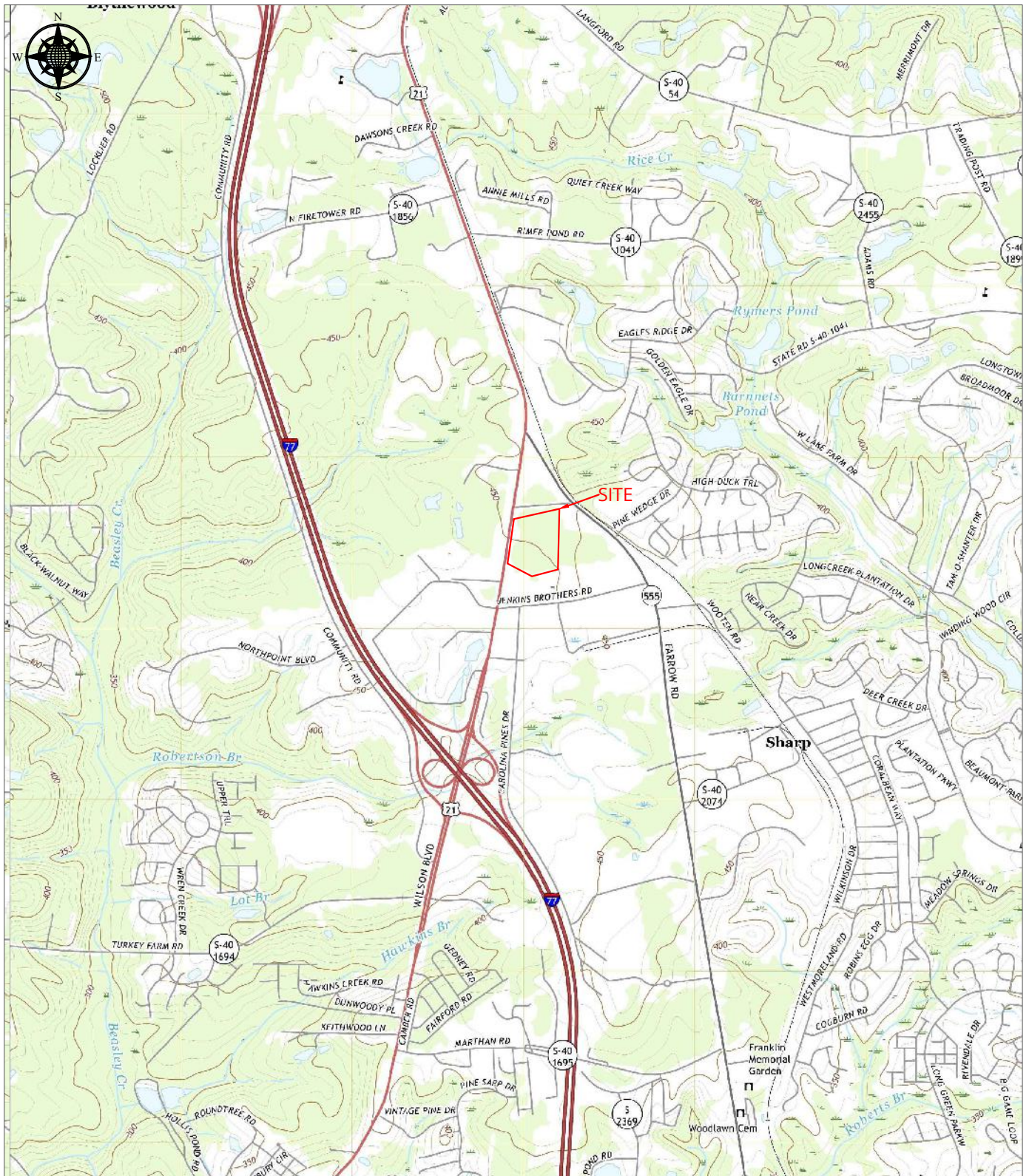
Hanley Environmental, PLLC *Environmental Investigation Report*, Storey Property, Voluntary Cleanup Contract 22-7758-NRP dated December 19, 2023

City of Los Angeles, *Standard Plan: Methane Hazard Mitigation*, Revised February 10, 2010.

Interstate Technology Regulatory Council, *Technical Resources for Vapor Intrusion Mitigation*, December 2020.

United States Environmental Protection Agency, Office of Solid Waste and Emergency Response (OSWER), *OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air*, OSWER Publication 9200.2-154. June 2015.

FIGURE



Legend

— Subject Property Boundary

1,000 2,000 FT

Notes: Topographic image obtained from United States Geological Services (USGS) online interface managed by the USGS National Geospatial Program (NGP) dated January 18, 2023.



HANLEY ENVIRONMENTAL, PLLC
323 MANNING DRIVE
CHARLOTTE, NORTH CAROLINA
SC Engineering COA #6674

Date
08/03/23

Project No.
PJ22040

Drawn By
NAH

Revision No.
0

Title and Project

Site Vicinity Map

Storey Property
10424 Wilson Boulevard
Blythewood, Richland County, South Carolina

Figure No.

1

APPENDIX A

Historical Data Summary

Table 1 - Temporary Monitoring Well Construction and Water Level Summary
Limited Phase II ESA
10424 Wilson Blvd
Richland County, South Carolina 29016

Well ID	Location	Well Diameter (inch)	Approximate Well Depth (ft bgs)	Screen Interval (ft bgs)	Depth to Groundwater (ft bgs)
TMW-1s	Central portion of site; south of former off-site well MW-39i	1	22	12-22	18.11
TMW-1i	Central portion of site; south of former off-site well MW-39i	1	30	25-30	18.21
TMW-2i	Northeastern corner of site	1	28.5	23.5-28.5	18.42

Notes:

1. Depth to groundwater measurement collected on January 5, 2023.
2. ft bgs = feet below ground surface

Table 2 - Groundwater Analytical Results Summary
Limited Phase II ESA
10424 Wilson Blvd
Richland County, South Carolina 29016

Sample ID	TMW-1s	TMW-1i	TMW-2i	EPA MCL ¹	Target Groundwater VISL ² (TCR = 1.0E-06; THQ=0.1)
Location	North-Central Portion	North-Central Portion	Northeastern Portion		
Well Screen Depth Interval (ft bgs)	12-22	25-30	23.5-28.5		
Sample Collection Date	1/5/2023	1/5/2023	1/5/2023		
Volatile Organic Compounds (VOCs) - EPA Method 8260 (µg/L)					
Acetone	3.19 J	1.97 J	<1.80	NE	NE
Methyl Tert-Butyl Ether (MTBE)	<0.140	<0.140	0.456 J	NE	4.50E+02
Tetrachloroethene	<0.220	0.720	0.879	5	5.76E+00
Toluene	0.220 J	<0.220	<0.220	1,000	1.92E+03

Notes:

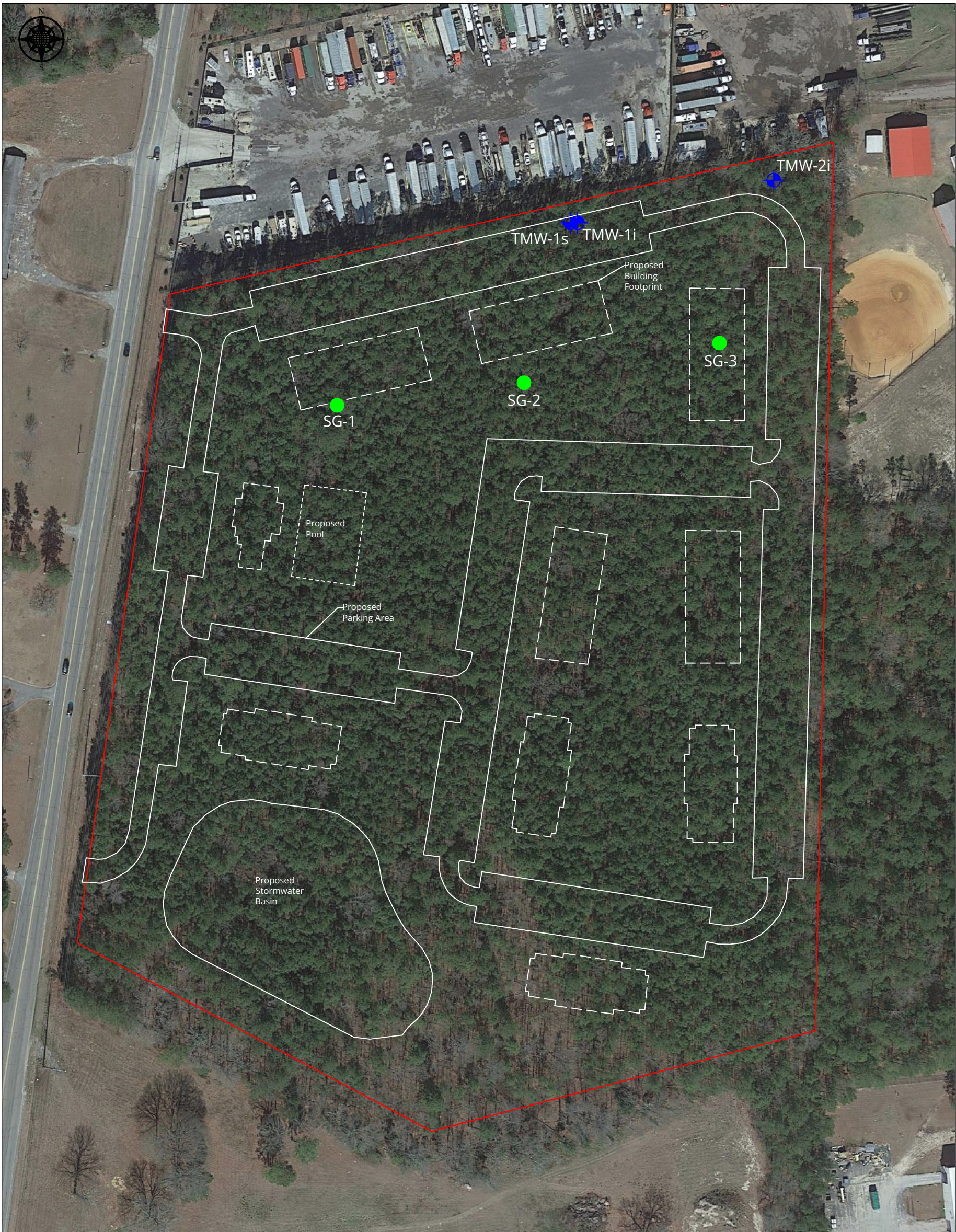
1. Environmental Protection Agency (EPA) National Primary Drinking Water Regulations Maximum Contaminant Levels (MCLs)
2. EPA Target Groundwater Concentration Vapor Intrusion Screening Level (based on target cancer risk [TCR] of 1×10^{-6} and target hazard quotient [THQ] of 0.1)
3. Detected concentrations are shown in **bold**
4. NE = not established
5. Values shown with "<MDL" were not detected above the referenced method detection limit
6. J indicates compound was detected at a concentration below the Reporting Limit (lowest calibration standard), detection is considered an estimate
7. Concentrations shown in micrograms per liter (µg/L)
8. ft bgs = feet below ground surface
9. Only compounds detected in at least one sample shown in table above
10. NE = not established

Table 3 - Soil Gas Analytical Results Summary
Limited Phase II ESA
10424 Wilson Blvd
Richland County, South Carolina

Sample ID		SG-1	SG-2	SG-3
Sample Type		Soil Gas	Soil Gas	Soil Gas
Location		Western Portion	Central Portion	Eastern Portion
Sample Interval Depth (ft bgs)		14.5-15	14.5-15	14.5-15
Sample Duration		5-minute	5-minute	5-minute
Sample Collection Date		1/5/2023	1/5/2023	1/5/2023
Shroud Helium Concentration (%)		54.4%	47.3%	52.5%
Leak Check Helium Concentration (ppm)		0.0	0.0	0.0
	Target Sub-Slab and Near-source Soil Gas Concentration ² (TCR = 1.0E-06; THQ=0.1)			
Volatile Organic Compounds (VOCs) - EPA Method TO-15 (µg/m ³)				
Acetone	NE	37.7	44.0	79.0
Benzene	1.20E+01	3.85	110	25.5
1,3-Butadiene	3.12E+00	11.6	134	92.1
Carbon Disulfide	2.43E+03	3.74 J	31.5	36.2
Chloroform	4.07E+00	2.29 J	<0.431	2.67
Chloromethane	3.13E+02	<0.067	3.21 J	<0.067
Cyclohexane	2.09E+04	<0.161	281	<0.161
Dichlorodifluoromethane	3.48E+02	2.68	2.84 J	2.75
1,1-Dichloroethane	5.85E+01	0.380 J	<0.504	<0.101
Ethylbenzene	3.74E+01	0.720 J	949	74.9
4-Ethyltoluene	NE	<0.128	584	62.5
1,1,2-Trichloro-1,2,2-trifluoroethane	1.74E+04	<0.561	<2.81	0.674 J
Heptane	1.39E+03	0.905 J	1,680	86.4
n-Hexane	2.43E+03	1.72 J	1,610	89.8
2-Hexanone	1.04E+02	1.95 J	<1.42	<0.285
Isopropyl Alcohol	6.95E+02	2.31 J B	8.06 J B	2.60 J B
Methyl Ethyl Ketone (MEK)	1.74E+04	6.28	23.3	19.7
4-Methyl-2-Pentanone	1.04E+04	2.07	<0.602	9.30
Methylene Chloride	2.09E+03	3.62	5.16 J B	8.93
Naphthalene	2.75E+00	<0.183	13.9	5.26
Propene	1.04E+04	45.0	6,550	2,030
Styrene	3.48E+03	1.61 J	12.6	5.08
Tetrachloroethene	1.39E+02	<0.181	<0.907	1.28 J
Tetrahydrofuran	6.95E+03	0.350 J	25.0	<0.107
Toluene	1.74E+04	5.29	3,730	147
Trichlorofluoromethane	NE	1.41 J	<0.647	<0.130
1,2,4-Trimethylbenzene	2.09E+02	0.860 J	2,240	216
1,3,5-Trimethylbenzene	2.09E+02	<0.236	857	90.7
o-Xylene	3.48E+02	0.842 J	1,350	130
m,p-Xylene	3.48E+02	1.75 J	3,190	271
Xylene (Total)	3.48E+02	2.59 J	4,540	401

Notes:

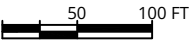
1. Concentrations shown in micrograms per cubic meter (µg/m³)
2. Environmental Protection Agency (EPA) Target Sub-Slab and Near-Source Soil Gas Concentration Screening Level (based on target cancer risk [TCR] of 1x10⁻⁶ and target hazard quotient [THQ] of 0.1)
3. Detected concentrations are shown in **bold**
4. Detected concentrations exceeding Target Screening Levels are shaded in yellow
5. Values shown with "<MDL" were not detected above the referenced method detection limit
6. J indicates compound was detected at a concentration below the Reporting Limit (lowest calibration standard), detection is considered an estimate
7. B indicates compound was detected in blank
8. ft bgs = feet below ground surface
9. Only compounds detected in at least one sample shown in table above
10. NE = not established



Legend

- Site Property Boundary
- Monitoring Well
- Soil Gas Monitoring Point

Notes:
1. Aerial image obtained from Google Earth January 18, 2023.
2. Proposed site development provided by Village Capital Corporation.



HANLEY ENVIRONMENTAL, PLLC
323 MANNING DRIVE
CHARLOTTE, NORTH CAROLINA
SC ENGINEERING COA #6674

Date	01/18/23
Project No.	PJ22040
Drawn By	NAH
Revision No.	0

Title and Project

Sample Location Map

Limited Phase II ESA
10424 Wilson Boulevard
Blythewood, Richland County, South Carolina

Figure No.

2

Table 1
Sampling Summary
Storey Property
10424 Wilson Boulevard, Blythewood, South Carolina

Sample Medium	Sample Type	Sample Locations	Sample IDs	Sample Descriptions	Quantity	Analyses
Soil	Grab	Northwestern corner of site	S-1	Grab samples from 0 to 1 ft depth interval and 2 to 3 ft depth interval	2	Surface and subsurface samples were analyzed for the full EPA-TAL for metals (with chromium speciation to analyze for hexavalent chromium and including cyanide) and the full EPA TCL (VOCs, SVOCs, Pesticides, and PCBs [Aroclors]).
	Composite	Northeastern portion of the site	S-2	One surficial composite sample of 0 to 1 ft depth interval and one subsurface composite sample of 2 to 3 ft depth interval from 3 borings located in the northeastern portion of site. One sample location (S-2-2) that exhibited the highest potential for impact based on field screening was submitted as an undisturbed grab sample for analysis of VOCs.	2	- Surficial soil samples were analyzed for the full EPA-TAL for metals (with chromium speciation to analyze for hexavalent chromium) and the full EPA TCL-SVOCs - Subsurface soil samples were analyzed for TAL-Metals (with chromium speciation to analyze for hexavalent chromium), TCL-VOCs, and TCL-SVOCs
		Western and southwestern portion of site	S-3	One surficial composite sample of 0 to 1 ft depth interval and one subsurface composite sample of 2 to 3 ft depth interval from 3 borings located in the western and southwestern portions of site. One sample location (S-3-3) that exhibited the highest potential for impact based on field screening was submitted as an undisturbed grab sample for analysis of VOCs.	2	
		Southeastern portion of site	S-4	One surficial composite sample of 0 to 1 ft depth interval and one subsurface composite sample of 2 to 3 ft depth interval from 3 borings located in the southeastern portion of site. One sample location associated (S-4-2) that exhibited the highest potential for impact based on field screening was submitted as an undisturbed grab sample for analysis of VOCs.	2	
Groundwater	Low-flow samples from temporary monitoring wells	Northwestern portion of the site	TMW-3s	Sample from top of water table	1	- The full EPA TAL for metals (including cyanide) - The full EPA TCL VOCs, SVOCs, Pesticides, and PCBs (Aroclors)
			TMW-3i	Sample from bedrock/saprolite interface	1	
		Western boundary of the site	TMW-4	Sample from top of water table	1	- The full EPA TAL for metals (excluding cyanide) - The full EPA TCL-VOCs - The full EPA TCL-SVOCs
		Central-southwestern portion of the site	TMW-5	Sample from top of water table	1	
		Southeastern corner of the site	TMW-6	Sample from top of water table	1	
Soil Gas	Exterior Soil Gas	Club House	SG-4	Exterior soil gas samples collected from temporary soil gas probes approx. 6 ft bgs	1	VOCs by EPA Method TO-15
		Building 5	SG-5		1	
		Building 7	SG-6		1	
		Building 1	SG-7		1	
		Building 6	SG-8		1	
		Building 8	SG-9		1	
		Building 9	SG-10		1	

Notes:

1. Grab samples were collected and placed on hold by the laboratory for each composite soil sample location. Grab samples were not analyzed based on results of the composite samples.

2. TAL = Target Analyte List; TCL = Target Compound List

3. VOCs = volatile organic compounds; SVOCs = semi-VOCs

4. ft bgs = feet below ground surface

Table 2 - Monitoring Well Construction and Water Level Summary
Storey Property
10424 Wilson Blvd, Blythewood, South Carolina

Well ID	Location	Northing	Easting	Well Diameter (inch)	Top of Well Casing Elevation (ft msl)	Approximate Well Depth (ft bgs)	Screen Interval (ft bgs)	Depth to Groundwater (ft TOC)	Groundwater Elevation (ft msl)
TMW-3s	Northwestern Corner of Site	855,540.36	2,009,679.08	1	452.91	17.5	7.5-17.5	17.67	435.24
TMW-3i	Northwestern Corner of Site	855,563.04	2,009,666.49	1	449.77	35	30-35	14.62	435.15
TMW-4	Western Boundary of Site	855,220.35	2,009,623.19	1	449.60	20	10-20	18.05	431.55
TMW-5	Central-Southwestern Portion of Site	854,584.37	2,009,833.53	1	446.15	19	9-19	12.06	434.09
TMW-6	Southeastern Corner of Site	854,600.37	2,010,401.09	1	454.47	21	11-21	21.41	433.06

Notes:

1. Depth to groundwater measurement collected on October 4, 2023.
2. ft bgs = feet below ground surface
3. ft msl = feet mean sea level
4. TOC = top of casing
5. Refusal was encountered at TMW-3i. TMW-3i set at deepest depth possible.
6. Latitude, longitude, and top of well casing surveyed by GEL Engineering, Inc. on October 4, 2023. Vertical datum: NAVD 88; Horizontal Datum: SC State Plane Coordinates, NAD 83 (2011-adj.)

Table 3 - Soil Analytical Results Summary
Storey Property
10424 Wilson Blvd, Blythewood, South Carolina

Sample ID	S-1s	S-1d	S-2s	S-2d	S-3s	S-3d	S-4s	S-4d	EPA RSLs ¹		Protection of Groundwater SSLs ²	Background ¹⁴		
Location	Northwestern Corner of Site		Northeastern Portion of Site		Western-Southwestern Portion of Site		Southeastern Portion of Site		Residential	Industrial		Range for Coastal Plain of South Carolina	Range for Piedmont of South Carolina	Range for South Carolina
Sample Date	10/2/2023	10/2/2023	10/2/2023	10/2/2023	10/3/2023	10/3/2023	10/3/2023	10/3/2023						
Sample Type	Grab	Grab	Composite	Composite	Composite	Composite	Composite	Composite						
Depth Interval (feet below ground surface)	0-1	2-3	0-1	2-3	0-1	2-3	0-1	2-3						
Target Compound List Volatile Organic Compounds (VOCs) - EPA Method 8260/5035A/5030B (µg/kg)														
Acetone	0.036	0.007 J	N/A	0.006 J	N/A	0.006 J	N/A	0.009 J	7,000,000	110,000,000	0.37	--	--	--
Methylene Chloride	<0.001	<0.001	N/A	<0.001	N/A	<0.001	N/A	0.001 J	35	320	1.3	--	--	--
Target Compound List Semi-Volatile Organic Compounds (SVOCs) - EPA Method 8270E/3546 (µg/kg)														
SVOCs	< BDL	< BDL	< BDL	< BDL	< BDL	< BDL	< BDL	< BDL	--	--	--	--	--	--
Target Analyte List Metals - EPA Method 6010D/3050B/7471/7199 (mg/kg)														
Aluminum	13,500	11,500	3,880	10,100	10,300	9,310	4,400	16,000	7,700	110,000	3,000	560 - 27,000	890 - 89,000	560 - 89,000
Antimony	<0.0325	<0.0340	<0.0317	<0.0322	<0.0327	<0.0325	<0.0315	0.0795 J	3.1	47	0.27	NR	NR	NR
Arsenic	1.02	1.07	0.273	0.813	0.265 J	0.115 J	0.569	1.01	0.68	3.0	0.29	ND - 45	ND - 210	ND - 210
Barium	35.4	23.0	17.8	18.0	18.3	16.4	19.6	26.0	1,500	22,000	82	ND - 176	ND - 370	ND - 370
Beryllium	0.238 J	0.186 J	0.108 J	0.156 J	0.125 J	0.0910 J	0.193 J	0.204 J	16	230	3.2	NR	NR	ND - 3.8
Cadmium	<0.0274	<0.0287	<0.0267	<0.0272	<0.0276	<0.0274	<0.0266	<0.0280	0.71	10	0.38	NR	NR	ND - 17
Calcium	174	159	54.2	172	61.9	51.3 J	66.0	225	NE	NE	NE	NR	NR	ND - 8,500
Chromium	15.0	9.21	3.04	7.48	8.04	6.05	5.32	11.4	12,000	180,000	180,000	ND - 42	ND - 140	ND - 140
Chromium, Hexavalent	<1.1	<1.1	<1.2	<1.1	<1.3	<1.1	<1.2	1.4	0.30	6.3	0.00067	NR	NR	NR
Cobalt	1.37	1.12	0.459	1.01	0.734	0.414	0.534	1.14	2.3	35	0.027	NR	NR	ND - 34
Copper	4.08	3.51	1.38	2.52	2.22	1.29	1.59	3.88	310	4,700	46	ND - 92	ND - 92	ND - 92
Iron	7,000	7,300	1,890	5,730	2,200	1,290	4,670	8,310	5,500	82,000	35	NR	NR	160 - 73,000
Lead	5.53	6.56	3.49	4.00	6.95	4.64	6.37	5.50	400	800	14	NR	NR	ND - 200
Magnesium	287	218	114	252	276	162	132	384	NE	NE	NE	NR	NR	7.4 - 17,000
Manganese	60.2	66.1	81.4	15.1	26.9	5.82	99.8	16.8	180	2,600	2.8	ND - 99	ND - 2,400	ND - 2,400
Nickel	3.99	3.21	1.43	3.21	3.14	2.41	1.61	4.49	140	1,800	2.6	ND - 47	ND - 52	ND - 52
Potassium	155	124	57.3	132	167	101	65.5	196	NE	NE	NE	ND - 1,520	ND - 15,000	ND - 15,000
Selenium	0.530	0.466	0.302	0.311	0.322	0.194 J	0.425	0.450	39	580	0.26	NR	NR	ND - 2.4
Silver	0.0200 J	0.0210 J	<0.0069	0.0169 J	0.0155 J	0.0156 J	0.0096 J	0.0214 J	39	580	0.08	NR	NR	ND - 61
Sodium	10.4 J	13.6 J	6.22 J	11.5 J	12.2 J	12.4 J	5.24 J	14.5 J	NE	NE	NE	NR	NR	ND - 1,250
Thallium	0.105 J	0.0855 J	0.0601 J	0.0671 J	0.0786 J	0.0479 J	0.0639 J	0.117 J	0.078	1.2	0.14	NR	NR	ND - 2.6
Vanadium	16.6	15.5	4.83	13.0	10.4	7.06	8.72	19.4	39	580	8.6	ND - 61	ND - 270	ND - 270
Zinc	7.69	6.42	2.81	5.60	6.04	3.78	3.37	8.25	2,300	35,000	37	ND - 130	ND - 170	ND - 170
Mercury	0.0453	0.0281 J	0.0156 J	0.0259 J	0.0388	0.0321	0.0169 J	0.0529	1.1	4.6	0.10	NR	NR	ND - 0.38
Cyanide - EPA Method 9014 (mg/kg)														
Cyanide	0.245 J H	0.276 J H	N/A	N/A	N/A	N/A	N/A	N/A	2.3	15	2.0	NR	NR	NR
Polychlorinated Biphenyls (PCBs) EPA Method 8082A (mg/kg)														
PCBs	< BDL	< BDL	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--	--	--	--
Target Compound List Chlorinated Pesticides - EPA Method 8081B (mg/kg)														
Pesticides	< BDL	< BDL	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--	--	--	--
Carcinogenic Risk ¹⁶	4.66E-06								--					
Hazard Quotient - Child ¹⁷	0.0181								--					
Hazard Quotient - Adult ¹⁷	0.00733								--					

Notes:

- Environmental Protection Agency (EPA) Regional Screening Levels (RSLs) based on target cancer risk [TCR] of 1x10⁻⁶ and target hazard quotient [THQ] of 0.1 dated November 2023.
- EPA Protection of Groundwater Soil Screening Levels (SSLs) (based on target cancer risk [TCR] of 1x10⁻⁶ and target hazard quotient [THQ] of 0.1) dated November 2023. MCL-based SSL used if both available.
- Detected concentrations are shown in **bold**
- N/A = not analyzed
- Values reported to the laboratory method detection limit.
- Values highlighted in yellow indicate exceedance of Residential RSL, protection of groundwater SSL and background range for metals.
- Values highlighted in grey indicate exceedance of Protection of Groundwater SSL and background range for metals.
- Concentrations shown in micrograms per kilogram (µg/kg) and milligrams per kilogram (mg/kg)
- Only compounds detected in at least one sample shown in table above
- NE = not established
- BDL = no compounds were detected above laboratory reporting limit
- J indicates compound was detected at a concentration below the Reporting Limit (lowest calibration standard), detection is considered an estimate
- H indicates compound was analyzed outside recognized hold time
- Background concentrations of metals in South Carolina published in *Elements in South Carolina Inferred Background Soil and Stream Sediment Samples, South Carolina Geology, 1999, volume 41, page 11-25* , authored by Judy L. Canova.
- NR = not reported; ND = not detected
- Carcinogenic risk calculated from the EPA RSL Calculator, generated November 2023.
- Hazard quotient risk calculated from the EPA RSL Calculator, generated November 2023.

Table 4 - Groundwater Analytical Results Summary
Storey Property
10424 Wilson Blvd, Blythewood, South Carolina

Sample ID	TMW-3s	TMW-3i	TMW-4	TMW-5	TMW-6	MCL ¹	Target Groundwater VISL ³ (TCR = 1.0E-06; THQ=0.1)
Location	Northwestern Corner of Site		Western Boundary of Site	Central-Southwestern Portion of Site	Southeastern Corner of Site		
Well Screen Depth Interval (ft bgs)	7.5-17.5	30-35	10-20	9-19	11-21		
Sample Collection Date	10/3/2023	10/3/2023	10/4/2023	10/3/2023	10/4/2023		
Target Compound List Volatile Organic Compounds (VOCs) - EPA Method 8260D (µg/L)							
Acetone	<1.80	<1.80	4.08 J	<1.80	20.2	1,800 ²	NE
Chloroform	<0.220	0.356 J	<0.220	<0.220	0.732	80	0.814
1,4-Dioxane	<16.0	<16.0	<16.0	<16.0	30.3 J	0.46 ²	2,860
Methyl Ethyl Ketone (MEK)	2.14 J	1.82 J	2.54 J	2.05 J	4.25 J	560 ²	224,000
Methylene Chloride	<0.330	<0.330	0.623 J	<0.330	0.642 J	5.0	471
Target Compound List Semi-Volatile Organic Compounds (SVOCs) - EPA Method 8270E/3510C (µg/L)							
2,4,6-Tribromophenol	<1.32	<1.32	76.511	<1.32	81.34	12 ²	--
Target Analyte List Metals - EPA Method 6010D/3010A/7470A/7199 (µg/L)							
Aluminum	105	75 J	1,730	1,730	3,430	2,000 ²	--
Arsenic	<0.2	<0.2	<0.2	0.6 J	0.5 J	10	--
Barium	6	8	15	22	10	2,000	--
Beryllium	0.1 J	<0.1	0.1 J	0.1 J	<0.1	4.0	--
Calcium	377	1,240	1,260	590	1,940	NE	--
Chromium	0.9 J	1	4	13	29	100	--
Cobalt	0.5 J	1	0.8 J	1	1	0.6 ²	--
Copper	3.1	2.8	2.0	4.8	8.6	1,300	--
Iron	1,990	5,420	3,060	18,200	10,100	1,400 ²	--
Lead	<0.2	<0.2	4.6	1.0	26.6	15	--
Magnesium	445	796	609	461	2,000	NE	--
Manganese	36	75	65	102	449	43 ²	--
Nickel	3.5	5.9	5.6	14.5	8.8	39 ²	--
Potassium	234	414	278	304	2,780	NE	--
Sodium	2,450	6,940	1,830	5,810	3,290	NE	--
Thallium	0.1 J	<0.06	<0.06	0.07 J	<0.06	2.0	--
Vanadium	1 J	1 J	4 J	4 J	7	8.6 ²	--
Zinc	11	9 J	11	9 J	15	600 ²	--
Cyanide - SM 4500-CN-E-2016 (µg/L)							
Cyanide	<4.0	<4.0	NA	NA	NA	200	20.1
Polychlorinated Biphenyls (PCBs) - EPA Method 8082A (µg/L)							
PCBs	< BDL	< BDL	NA	NA	NA	--	--
Target Compound List Chlorinated Pesticides - EPA Method 8081B (µg/L)							
Pesticides	< BDL	< BDL	NA	NA	NA	--	--

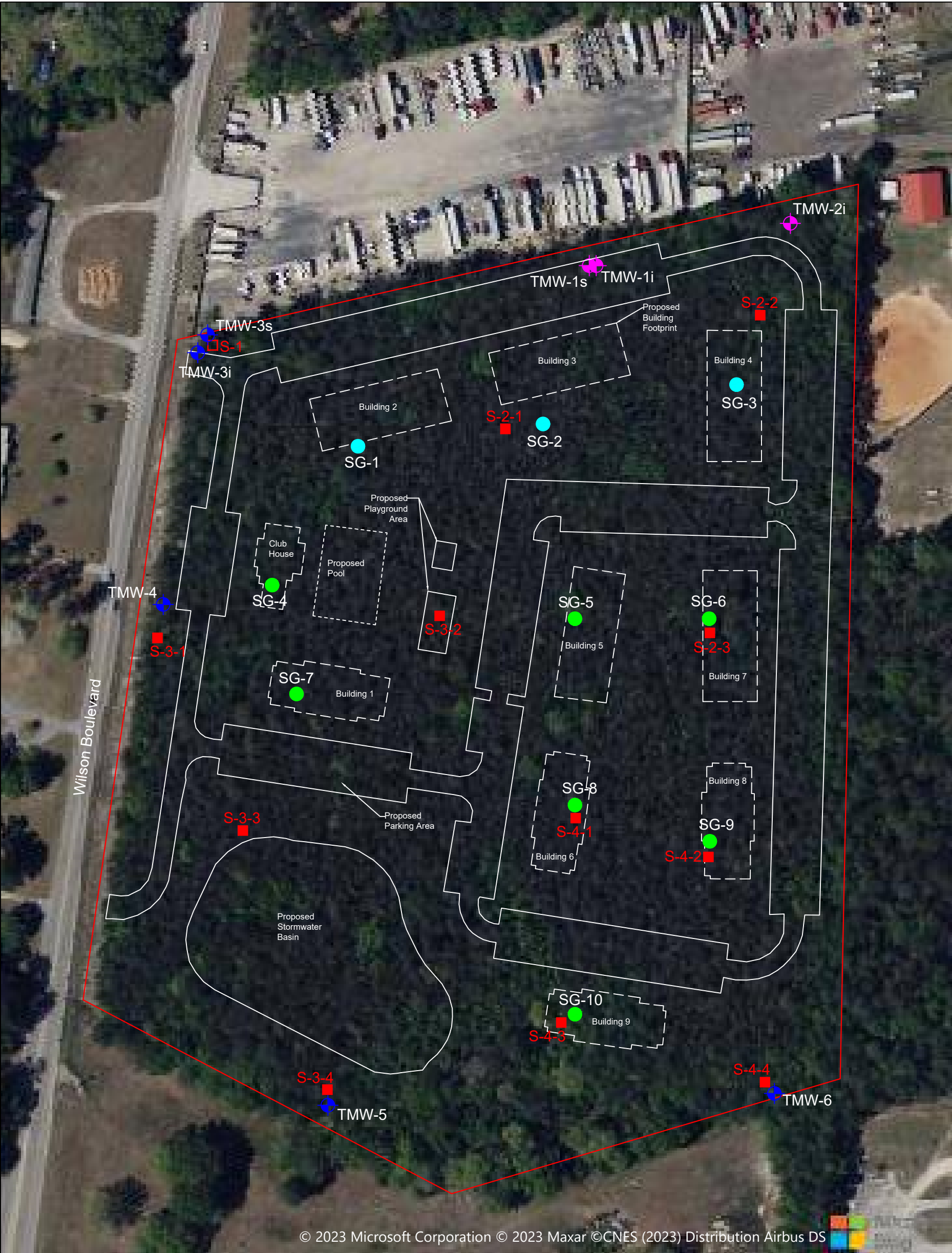
Notes:

- Maximum Contaminant Levels (MCLs) in the State Primary Drinking Water Regulations, S.C. Code Ann. Regs. 61-58.5 published September 2014.
- Environmental Protection Agency (EPA) Regional Screening Level (RSL) for Tapwater used as standard (MCL not specified) dated November 2023.
- EPA Target Groundwater Concentration Vapor Intrusion Screening Level (based on target cancer risk [TCR] of 1x10⁻⁶ and target hazard quotient [THQ] of 0.1) dated November 2023.
- Detected concentrations are shown in **bold**
- NE = not established; NA = not analyzed; -- = not applicable
- Only compounds detected in at least one sample shown in table above
- Concentrations shown in micrograms per liter (µg/L).
- ft bgs = feet below ground surface
- Values reported to the laboratory method detection limit.
- BDL = no compounds were detected above laboratory reporting limit
- Values highlighted yellow exceed the MCL (or Tapwater RSL if MCL not specified)
- J indicates compound was detected at a concentration below the Reporting Limit (lowest calibration standard), detection is considered an estimate

Table 5 - Soil Gas Analytical Results Summary
Storey Property
10424 Wilson Blvd, Blythewood, South Carolina

Sample ID		SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7	SG-8	SG-9	SG-10
Sample Type		Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Sample Interval Depth (ft bgs)		14.5-15	14.5-15	14.5-15	5.5-6	5.5-6	5.5-6	5.5-6	5.5-6	5.5-6	5.5-6
Sample Duration		5-minute	5-minute	5-minute	10-minute	10-minute	10-minute	10-minute	10-minute	10-minute	10-minute
Sample Collection Date		1/5/2023	1/5/2023	1/5/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023
Shroud Helium Concentration (%)		54.4%	47.3%	52.5%	14.6%	12.1%	21.2%	19.3%	19.9%	14.3%	23.2%
Leak Check Helium Concentration (ppm)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Target Sub-Slab and Near-source Soil Gas Concentration ² (TCR = 1.0E-06; THQ=0.1)										
Volatile Organic Compounds (VOCs) - EPA Method TO-15 (µg/m ³) ¹											
Acetone	NE	37.7	44.0	79.0	19.5	8.31 B	12.3 B	11.7 B	26.3	37.4	10.5 B
Benzene	12	3.85	110	25.5	0.354 J	0.277 J	1.70	0.313 J	<0.073	2.87	<0.073
1,3-Butadiene	3.12	11.6	134	92.1	<0.328	<0.328	<0.328	<0.328	<0.328	<0.328	<0.328
Carbon Disulfide	2,430	3.74 J	31.5	36.2	0.345 J	<0.060	2.45 J	0.460 J	0.317 J	134	<0.060
Chloroform	4.07	2.29 J	<0.431	2.67	5.91	0.639 J	9.69	2.14 J	4.48	1.07 J	0.522 J
Chloromethane	313	<0.067	3.21 J	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	0.894 J	<0.067
Cyclohexane	20,900	<0.161	281	<0.161	<0.161	<0.161	<0.161	<0.161	<0.161	<0.161	<0.161
Dichlorodifluoromethane	348	2.68	2.84 J	2.75	3.18	3.31	3.78	3.33	3.41	3.60	3.76
1,1-Dichloroethane	58.5	0.380 J	<0.504	<0.101	<0.101	<0.101	<0.101	<0.101	<0.101	<0.101	<0.101
Ethyl Acetate	243	<0.136	<0.680	<0.136	<0.136	<0.136	<0.136	<0.136	<0.136	0.461 J	<0.136
Ethylbenzene	37.4	0.720 J	949	74.9	<0.106	<0.106	<0.106	0.924 J	<0.106	<0.106	<0.106
4-Ethyltoluene	NE	<0.128	584	62.5	<0.128	<0.128	<0.128	<0.128	<0.128	<0.128	<0.128
1,1,2-Trichloro-1,2,2-trifluoroethane	17,400	<0.561	<2.81	0.674 J	<0.561	0.597 J	0.705 J	0.605 J	0.643 J	<0.561	0.590 J
Heptane	1,390	0.905 J	1,680	86.4	<0.143	<0.143	<0.143	0.311 J	<0.143	0.442 J	<0.143
n-Hexane	2,430	1.72 J	1,610	89.8	0.486 J	1.01 J	0.394 J	0.511 J	0.320 J	1.42 J	<0.047
2-Hexanone	104	1.95 J	<1.42	<0.285	<0.285	1.18 J	<0.285	<0.285	<0.285	<0.285	1.42 J
Isopropyl Alcohol	695	2.31 J B	8.06 J B	2.60 J B	1.73 J B	1.85 J B	2.74 J B	2.39 J B	2.08 J B	4.81 J B	2.02 J B
Methyl Ethyl Ketone (MEK)	2,090	6.28	23.3	19.7	4.87	2.65	1.41 J	1.89	2.62	12.1	6.14
4-Methyl-2-Pentanone	2.75	2.07	<0.602	9.30	<0.121	0.397 J	<0.121	<0.121	<0.121	<0.121	<0.121
Methylene Chloride	2,090	3.62	5.16 JB	8.93	9.11	12.4	11.6	2.84	5.73	11.3	12.4
Naphthalene	2.75	<0.183	13.9	5.26	<0.183	<0.183	<0.183	<0.183	<0.183	<0.183	<0.183
Propene	10,400	45.0	6,550	2,030	<0.242	<0.242	<0.242	<0.242	<0.242	<0.242	<0.242
Styrene	3,480	1.61 J	12.6	5.08	<0.124	<0.124	<0.124	<0.124	<0.124	0.945 J	<0.124
Tetrachloroethene	139	<0.181	<0.907	1.28 J	<0.181	<0.181	<0.181	<0.181	<0.181	1.19 J	<0.181
Tetrahydrofuran	6,950	0.350 J	25.0	<0.107	15.6	0.395 J	0.359 J	1.08 J	33.4	1.50	0.566 J
Toluene	17,400	5.29	3,730	147	1.90	0.486 J	0.859 J	5.32	0.493 J	2.01	0.433 J
Trichlorofluoromethane	NE	1.41 J	<0.647	<0.130	2.21 J	2.52 J	2.66 J	2.24 J	2.51 J	2.73 J	2.68 J
1,2,4-Trimethylbenzene	209	0.860 J	2,240	216	<0.110	<0.110	<0.110	0.825 J	<0.110	<0.110	<0.110
1,3,5-Trimethylbenzene	209	<0.236	857	90.7	<0.236	<0.236	<0.236	0.417 J	<0.236	<0.236	<0.236
o-Xylene	348	0.842 J	1,350	130	<0.157	<0.157	<0.157	1.46 J	<0.157	<0.157	<0.157
m,p-Xylene	348	1.75 J	3,190	271	0.694 J	<0.217	<0.217	2.62 J	<0.217	0.429 J	0.308 J
Xylene (Total)	348	2.59 J	4,540	401	0.694 J	<0.157	<0.157	4.08 J	<0.157	0.429 J	0.308 J
VI Carcinogenic Risk ¹²		4.63E-06	8.25E-05	3.62E-05	1.48E-06	1.84E-07	2.53E-06	5.78E-07	1.10E-06	5.09E-07	1.32E-07
VI Hazard Index ¹³		0.176	5.26	1.70	0.00418	0.00347	0.00666	0.00429	0.00352	0.0125	0.00362
Sitewide VI Carcinogenic Risk ¹²		8.49E-05									
Sitewide VI Hazard Index ¹³		5.27									

- Notes:**
- Concentrations shown in micrograms per cubic meter (µg/m³)
 - Environmental Protection Agency (EPA) Residential Target Sub-Slab and Near-Source Soil Gas Concentration Screening Level (based on target cancer risk [TCR] of 1x10⁻⁶ and target hazard quotient [THQ] of 0.1) dated June 2023.
 - Detected concentrations are shown in **bold**
 - Detected concentrations exceeding Residential Target Screening Levels are shaded in yellow
 - Values shown with "<MDL" were not detected above the referenced method detection limit
 - J indicates compound was detected at a concentration below the Reporting Limit (lowest calibration standard), detection is considered an estimate
 - B indicates compound was detected in blank
 - ft bgs = feet below ground surface
 - Only compounds detected in at least one sample shown in table above
 - NE = not established
 - NR = compound not reported by laboratory
 - Vapor intrusion carcinogenic risk calculated from the EPA Vapor Intrusion Screening Level Risk Calculator, generated November 2023.
 - Vapor intrusion hazard index calculated from the EPA Vapor Intrusion Screening Level Risk Calculator, generated November 2023.



Legend

- Site Property Boundary
- Monitoring Well
- Soil Composite Sample
- Soil Grab Sample
- Soil Gas Monitoring Point
- Phase II Monitoring Well
- Phase II Soil Gas Monitoring Point

- Notes:
- Aerial image obtained from AutoCAD Geolocation feature 2023 Microsoft Corporation 2023 Maxar CNES (2023) Distribution Airbus DS.
 - Proposed site development provided by Kimley Horn dated December 27, 2022.
 - Monitoring well locations surveyed by GEL Engineering, LLC. Soil and soil gas monitoring points surveyed using handheld GPS unit.
 - Phase II groundwater and soil gas samples collected by Hanley Environmental in December 2022.

50 ft 100 ft

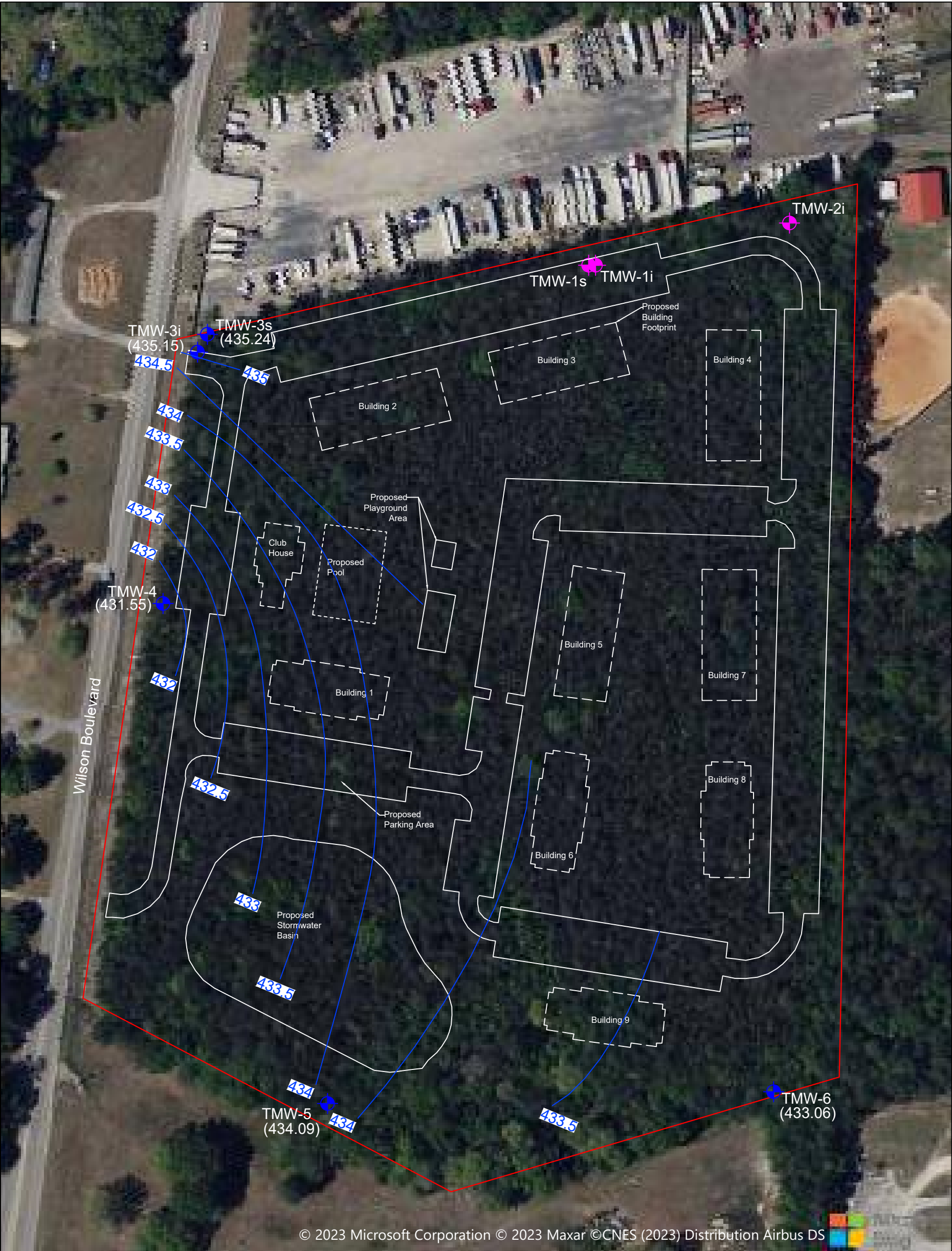


HANLEY ENVIRONMENTAL, PLLC
323 MANNING DRIVE
CHARLOTTE, NORTH CAROLINA
NC LICENSE P-2407

Date	11/09/23
Project No.	PJ22040
Drawn By	NAH
Revision No.	0

Title and Project
Sample Location Map
Storey Property 10424 Wilson Boulevard Blythewood, Richland County, South Carolina

Figure No.
2



Legend

- Site Property Boundary
- Monitoring Well
- Phase II Monitoring Well
- Groundwater Elevation Contour

- Notes:
- Aerial image obtained from AutoCAD Geolocation feature 2023 Microsoft Corporation 2023 Maxar CNES (2023) Distribution Airbus DS.
 - Proposed site development provided by Kimley Horn dated December 27, 2022.
 - Monitoring well locations and elevations surveyed by GEL Engineering, LLC. Groundwater elevations measured on October 4, 2023.
 - Phase II monitoring wells and TMW-3i were not considered in groundwater contouring.



HANLEY ENVIRONMENTAL, PLLC
323 MANNING DRIVE
CHARLOTTE, NORTH CAROLINA
NC LICENSE P-2407

Date	10/12/23
Project No.	PJ22040
Drawn By	NAH
Revision No.	0

Title and Project
Groundwater Elevation Contour Map
Storey Property 10424 Wilson Boulevard Blythewood, Richland County, South Carolina

Figure No.
3

Location ID	Property Physical Address	Property Owner	Owner Mailing Address	Comment
1	44 North Davis Lane Blythewood SC 29016	William D Bostic	44 North Davis Lane Blythewood SC 29016	Property listed on SC DHEC well permit information provided in FOIA request. Well listed as residential and in effect.
2	40 North Davis Lane Blythewood SC 29016	Adam Boulware	40 North Davis Lane Blythewood SC 29016	Property listed on SC DHEC well permit information provided in FOIA request. Well listed as residential and in effect.
3	10 North Davis Lane Blythewood SC 29016	Ernesto Mayorga & Alejandro Angeles	10469 Wilson Boulevard Blythewood SC 29016	Property listed on SC DHEC well permit information provided in FOIA request. Additional information not provided.
4	76 North Davis Lane Blythewood SC 29016	John Wood & Denise/JTWRS	76 North Davis Lane Blythewood SC 29016	Property listed on SC DHEC well permit information provided in FOIA request. Additional information not provided.
5	10418 Wilson Boulevard Blythewood SC 29016	Sharpe Properties LLC	8124 Winnsboro Road Blythewood SC 29016	Property listed on SC DHEC well permit information provided in FOIA request. Well listed as irrigation and in effect.
6	11071 Farrow Road Blythewood SC 29016	Hunter Seamon	11071 Farrow Road Blythewood SC 29016	Property listed on SC DHEC well permit information provided in FOIA request. Well listed as residential and in effect.
7	217 Talon Way Blythewood SC 29016	Evelyn Heabel & JTWRS Norman Jr	217 Talon Way Blythewood SC 29016	Property listed on SC DHEC well permit information provided in FOIA request. Additional information not provided.
8	5 Bent Oak Court Blythewood SC 29016	Betty Benson & Jamie T JTWRS	5 Bent Oak Court Blythewood SC 29016	Property listed on SC DHEC well permit information provided in FOIA request. Additional information not provided.
9	10429 Wilson Boulevard Blythewood SC 29016	Sharpe Properties LLC	8124 Winnsboro Road Blythewood SC 29016	Potential water supply well observed at the property. A representative of Richland County Utilities indicated the property is not serviced by municipal water service.
10	1028 Entzminger Road Blythewood SC 29016	Clayton Trapp	1808 Little Cedar Creek Road Winnsboro SC 29180	Potential water supply well observed at the property. A representative of Richland County Utilities indicated the property is not serviced by municipal water service.

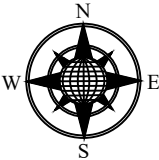


Legend

- Site Property Boundary
- 0.5-Mile Buffer
- 0.25-Mile Buffer

1 Potential Water Supply Well

Notes:
1. Aerial image obtained from AutoCAD Geolocation feature 2023 Microsoft Corporation 2023 Maxar
CNES (2023) Distribution Airbus DS.



HANLEY ENVIRONMENTAL, PLLC
323 MANNING DRIVE
CHARLOTTE, NORTH CAROLINA
NC LICENSE P-2407

Date	12/05/23
Project No.	PJ22040
Drawn By	NAH
Revision No.	0

Title and Project
Water Supply Well Survey Map
Storey Property 10424 Wilson Boulevard Blythewood, Richland County, South Carolina

Figure No.
4

APPENDIX B

Preliminary Site Redevelopment Plans

APPENDIX C

VIMS Product Information



Aura PVC Pipe Cap

Model Number: AV-3-PVC | 3" Diameter



- Vent Pipe Cap ventilates out vapors and particulates from the PVC pipe
- Used exclusively to cover PVC pipes
- Suitable for all climate zones
- Designed to prevent rain, snow and wildlife from entering the PVC pipe
- Constructed of durable rust-free aluminum
- Colors are available
- 5 year warranty



Black



White



Brown

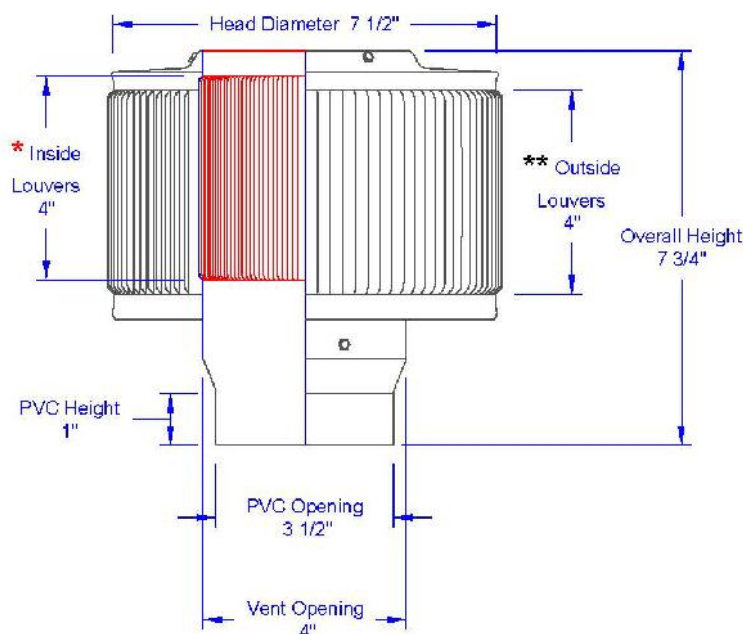


Grey



Green

Dimensions & Specifications



Net Free Vent Area	
(sq. inches)	(sq. feet)
7	0.05
CFM Performance	
4 mph	26
5.6 mph	38
7.4 mph	51
9.8 mph	59
11 mph	62
Product Weight	
1 lb	

PRODUCT DESCRIPTION

VaporBlock® Plus™ is a seven-layer co-extruded barrier made using high quality virgin-grade polyethylene and EVOH resins to provide unmatched impact strength as well as superior resistance to gas and moisture transmission. VaporBlock® Plus™ 20 is more than 100 times less permeable than typical high-performance polyethylene vapor retarders against Methane, Radon, and other harmful VOCs. Tested and verified for unsurpassed protection against BTEX, HS, TCE, PCE, methane, radon, other toxic chemicals and odors.

VaporBlock® Plus™ 20 multi-layer gas barrier is manufactured with the latest EVOH barrier technology to mitigate hazardous vapor intrusion from damaging indoor air quality, and the safety and health of building occupants. VBP20 is one of the most effective underslab gas barriers in the building industry today far exceeding ASTM E-1745 (Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill Under Concrete Slabs) Class A, B and C requirements. Available in a 20 (Class A) mil thicknesses designed to meet the most stringent requirements. VaporBlock® Plus™ 20 is produced within the strict guidelines of our ISO 9001 Certified Management System.

PRODUCT USE

VaporBlock® Plus™ 20 resists gas and moisture migration into the building envelop when properly installed to provide protection from toxic/harmful chemicals. It can be installed as part of a passive or active control system extending across the entire building including floors, walls and crawl spaces. When installed as a passive system it is recommended to also include a ventilated system with sump(s) that could be converted to an active control system with properly designed ventilation fans.

VaporBlock® Plus™ 20 works to protect your flooring and other moisture-sensitive furnishings in the building's interior from moisture and water vapor migration, greatly reducing condensation, mold and degradation.

SIZE & PACKAGING

VaporBlock® Plus™ 20 is available in 10' x 150' rolls to maximize coverage. All rolls are folded on heavy-duty cores for ease in handling and installation. Other custom sizes with factory welded seams are available based on minimum volume requirements. Installation instructions and ASTM E-1745 classifications accompany each roll.



Under-Slab Vapor/Gas Retarder

PRODUCT

PART

VaporBlock® Plus™ 20 VBP20

APPLICATIONS

Radon Barrier	Vapor Intrusion Barrier
Methane Barrier	Under-Slab Vapor Retarder
VOC Barrier	Foundation Wall Vapor Retarder
Brownfields Barrier	

VaporBlock® Plus™
UNDERSLAB VAPOR RETARDER / GAS BARRIER

VAPORBLOCK® PLUS™ VBP20

UNDER-SLAB VAPOR / GAS BARRIER

		VAPORBLOCK® PLUS™ 20	
PROPERTIES	TEST METHOD	IMPERIAL	METRIC
APPEARANCE		White/Gold	
THICKNESS, NOMINAL		20 mil	0.51 mm
WEIGHT		102 lbs/MSF	498 g/m ²
CLASSIFICATION	ASTM E 1745	CLASS A, B & C	
³ TENSILE STRENGTH	ASTM E 154 Section 9 (D-882)	58 lbf	102 N
IMPACT RESISTANCE	ASTM D 1709	2600 g	
PERMEANCE (NEW MATERIAL)	ASTM E 154 Section 7 ASTM E 96 Procedure B	0.0098 Perms grains/(ft ² ·hr·in·Hg)	0.0064 Perms g/(24hr·m ² ·mm Hg)
PERMEANCE (AFTER CONDITIONING) (SAME MEASUREMENT AS ABOVE PERMEANCE)	ASTM E 154 Section 8, E96 Section 11, E96 Section 12, E96 Section 13, E96	0.0079 0.0079 0.0097 0.0113	0.0052 0.0052 0.0064 0.0074
WVTR	ASTM E 96 Procedure B	0.0040 grains/hr·ft ²	0.0028 gm/hr·m ²
BENZENE PERMEANCE	See Note ⁶	1.13 x 10 ⁻¹⁰ m ² /sec or 3.62 x 10 ⁻¹³ m/s	
TOLUENE PERMEANCE	See Note ⁶	1.57 x 10 ⁻¹⁰ m ² /sec or 1.46 x 10 ⁻¹³ m/s	
ETHYLBENZENE PERMEANCE	See Note ⁶	1.23 x 10 ⁻¹⁰ m ² /sec or 3.34 x 10 ⁻¹⁴ m/s	
M & P-XYLENES PERMEANCE	See Note ⁶	1.17 x 10 ⁻¹⁰ m ² /sec or 3.81 x 10 ⁻¹⁴ m/s	
O-XYLENE PERMEANCE	See Note ⁶	1.10 x 10 ⁻¹⁰ m ² /sec or 3.43 x 10 ⁻¹⁴ m/s	
HYDROGEN SULFIDE	See Note ⁹	1.92E ⁻⁰⁹ m/s	
TRICHLOROETHYLENE (TCE)	See Note ⁶	7.66 x 10 ⁻¹¹ m ² /sec or 1.05 x 10 ⁻¹⁴ m/s	
PERCHLOROETHYLENE (PCE)	See Note ⁶	7.22 x 10 ⁻¹¹ m ² /sec or 1.04 x 10 ⁻¹⁴ m/s	
RADON DIFFUSION COEFFICIENT	K124/02/95	< 1.1 x 10 ⁻¹³ m ² /s	
METHANE PERMEANCE	ASTM D 1434	3.68E ⁻¹² m/s Gas Transmission Rate (GTR): 0.32 mL/m ² ·day·atm	
MAXIMUM STATIC USE TEMPERATURE		180° F	82° C
MINIMUM STATIC USE TEMPERATURE		- 70° F	- 57° C

³ Tests are an average of machine and transverse directions.

⁵ Raven Industries performs seam testing at 20" per minute.

⁶ Aqueous Phase Film Permeance.

Permeation of Volatile Organic Compounds through EVOH Thin Film Membranes and Coextruded LLDPE/EVOH/LLDPE Geomembranes, McWaters and Rowe, Journal of Geotechnical and Geoenvironmental Engineering© ASCE/September 2015. (Permeation is the Permeation Coefficient adjusted to actual film thickness - calculated at 1 kg/m³). The study used to determine PCE and TCE is titled: Evaluation of diffusion of PCE & TCE through high performance geomembranes by Di Battista and Rowe, Queens University 8 Feb 2018.

⁹ The study used to determine diffusion coefficients is titled: Hydrogen Sulfide (H₂S) Transport through Simulated Interim Covers with Conventional and Co-Extruded Ethylene-Vinyl Alcohol (EVOH) Geomembranes.

VaporBlock® Plus™ Placement

All instructions on architectural or structural drawings should be reviewed and followed.

Detailed installation instructions accompany each roll of VaporBlock® Plus™ and can also be located at www.ravenefd.com.

ASTM E-1643 also provides general installation information for vapor retarders.

VaporBlock® Plus™
UNDERSLAB VAPOR RETARDER / GAS BARRIER

VaporBlock® Plus™ is a seven-layer co-extruded barrier made using high quality virgin-grade polyethylene and EVOH resins to provide unmatched impact strength as well as superior resistance to gas and moisture transmission.



Scan QR Code to
download technical
data sheets.

Note: To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. VIAFLEX MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage. Limited Warranty available at www.viaflex.com

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sales@viaflex.com
www.viaflex.com

Viaflex

27-0123 09/22



STEGO® WRAP 20-MIL VAPOR BARRIER

A STEGO INDUSTRIES, LLC INNOVATION | VAPOR RETARDERS 07 26 00, 03 30 00 | VERSION: DEC 8, 2022

1. PRODUCT NAME

STEGO WRAP 20-MIL VAPOR BARRIER

2. MANUFACTURER

Stego Industries, LLC
216 Avenida Fabricante, Suite 101
San Clemente, CA 92672 USA
Sales, Technical Assistance
Ph: (877) 464-7834
contact@stegoindustries.com
stegoindustries.com



3. PRODUCT DESCRIPTION

USES: Stego Wrap 20-Mil Vapor Barrier is used as a below-slab vapor barrier.

COMPOSITION: Stego Wrap 20-Mil Vapor Barrier is a multi-layer plastic extrusion manufactured with only the highest grade of prime, virgin, polyolefin resins.

ENVIRONMENTAL FACTORS: Stego Wrap 20-Mil Vapor Barrier can be used in systems for the control of soil gases (radon, methane), soil poisons (oil by-products) and sulfates.

4. TECHNICAL DATA

TABLE 4.1: PHYSICAL PROPERTIES OF STEGO WRAP 20-MIL VAPOR BARRIER

PROPERTY	TEST	RESULTS
Under Slab Vapor Retarders	ASTM E1745 Class A, B & C – Standard Specification for Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs	Exceeds Class A, B & C
Water Vapor Permeance	ASTM F1249 – Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor	0.0071 perms
Permeance After Conditioning (ASTM E1745 Sections 7.1.2 - 7.1.5)	ASTM E154 Section 8, F1249 – Permeance after wetting, drying, and soaking ASTM E154 Section 11, F1249 – Permeance after heat conditioning ASTM E154 Section 12, F1249 – Permeance after low temperature conditioning ASTM E154 Section 13, F1249 – Permeance after soil organism exposure	0.0088 perms 0.0081 perms 0.0084 perms 0.0077 perms
Methane Transmission Rate	ASTM D1434 - Standard Test Method for Determining Gas Permeability Characteristics of Plastic Film and Sheeting	152.2 GTR* (mL(STPI)/m ² *day)
Radon Diffusion Coefficient	K124/02/95	9.9 x 10 ⁻¹² m ² /second
Puncture Resistance	ASTM D1709 – Test Method for Impact Resistance of Plastic Film by Free-Falling Dart Method	3500+ grams**
Tensile Strength	ASTM D882 – Test Method for Tensile Properties of Thin Plastic Sheeting	97.7 lbf/in
Thickness		20 mil
Roll Dimensions		width x length: area: 14' x 105' 1470 ft ²
Roll Weight		152 lb

Note: perm unit = grains/(ft²*hr*in-Hg)

*GTR = Gas Transmission Rate

**The material maxed out the testing equipment and did not fail at 3746 grams.

Continued...

Note – legal notice on page 2.

STEGO® WRAP 20-MIL VAPOR WRAP BARRIER

A STEGO INDUSTRIES, LLC INNOVATION | VAPOR RETARDERS 07 26 00, 03 30 00 | VERSION: DEC 8, 2022

5. INSTALLATION

UNDER SLAB: Unroll Stego Wrap 20-Mil Vapor Barrier over an aggregate, sand or tamped earth base. Overlap all seams a minimum of 6 inches and tape using Stego® Tape or Stego® Crete Claw® Tape. All penetrations must be sealed using a combination of Stego Wrap and Stego Accessories.

For additional information, please refer to Stego's complete installation instructions.

6. AVAILABILITY & COST

Stego Wrap 20-Mil Vapor Barrier is available through our network of building supply distributors. For current cost information, contact your local Stego distributor or Stego Industries' Sales Representative.

7. WARRANTY

Stego Industries, LLC believes to the best of its knowledge, that specifications and recommendations herein are accurate and reliable. However, since site conditions are not within its control, Stego Industries does not guarantee results from the use of the information provided herein. Stego Industries, LLC does offer a limited warranty on Stego Wrap. Please see stegoindustries.com/legal

8. MAINTENANCE

None required.

9. TECHNICAL SERVICES

Technical advice, custom CAD drawings, and additional information can be obtained by contacting Stego Industries or by visiting the website.

Email: contact@stegoindustries.com

Contact Number: (877) 464-7834

Website: stegoindustries.com

10. FILING SYSTEMS: stegoindustries.com



(877) 464-7834 | stegoindustries.com

DATA SHEETS ARE SUBJECT TO CHANGE. FOR MOST CURRENT VERSION, VISIT [STEGOINDUSTRIES.COM](https://stegoindustries.com)

APPENDIX D
TO-15 Analyte List

TO-15 Analyte List
Storey Property
10424 Wilson Boulevard, Richland County, South Carolina
VCC 23-7758-NRP

Future analyses of sub-slab soil gas and indoor air at site buildings will be analyzed for the following volatile organic compounds previously detected in site media:

Acetone	Methyl tert-butyl ether (MTBE)
Benzene	Naphthalene
1,3-Butadiene	Propene
2-Butanone (Methyl ethyl ketone)	Styrene
Carbon disulfide	Tetrachloroethene (PCE)
Chloroform	Tetrahydrofuran
Chloromethane	Toluene
Cyclohexane	Trichlorofluoromethane
1,4-Dioxane	M&p-Xylene
Dichlorodifluoromethane	o-Xylene
1,1-Dichloroethane	1,2,4-Trimethylbenzene
Ethyl Acetate	1,3,5-Trimethylbenzene
Ethylbenzene	
4-Ethyltoluene	
1,1,2-Trichloro-1,2,2-trifluoroethane	
n-Hexane	
2-Hexanone (methyl n-butyl ketone)	
Isopropyl Alcohol	
4-Methyl-2-pentanone	
Methylene chloride	



January 30, 2024

David Hanley
Hanley Environmental, PLLC
323 Manning Drive
Charlotte, North Carolina 28209

**Re: Vapor Intrusion Mitigation Plan, January 22, 2024
Storey Property
VCC 23-7758-NRP
Blythewood, Richland County, South Carolina**

Dear Mr. Hanley:

The South Carolina Department of Health and Environmental Control (Department) has reviewed the referenced report submitted in accordance with VCC 22-7758-NRP. The Department has determined that this report is acceptable as written.

Feel free to contact me at 803 898-0932 or owenssc@dhec.sc.gov if you have any questions or comments.

Sincerely,

Sophia C Owens

Sophia Owens, Project Manager
Brownfields Program
Division of Site Assessment Remediation and Revitalization
Bureau of Land and Waste Management

cc: File #59745
email: Veronica Barringer, Area Director, Midlands EA (via electronic mail)
Michael S. Byron, Pedcor
Jeremy Buchanan, Pedcor
Lesley A. Firestone, Moore & Van Allen

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

**10424 Wilson Boulevard
Richland County
South Carolina 29016**

Project Number: PJ22040

July 1, 2024

Prepared for:

Merchants Capital
410 Monon Boulevard
Carmel, Indiana 46032

Hanley Environmental, PLLC
323 Manning Drive
Charlotte, North Carolina 28209
SC Engineering COA 6674
T: (704) 317-6970
www.hanleyenvironmental.com



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1.0 SUMMARY

Hanley Environmental, PLLC was contracted by Merchants Capital Corp. (the Client) to perform a Phase I Environmental Site Assessment (ESA) of property located at 10424 Wilson Boulevard, Richland County, South Carolina 29016 (subject property). This section presents a summary of Phase I ESA Findings. This summary is provided for convenience, and should not be relied upon without the context provided by the full contents of this report.

The subject property encompassed approximately 22.8 acres of vacant, wooded land. Site improvements on the subject property at the time of site reconnaissance included fencing along the northern property boundary and a portion of the eastern property boundary. Electrical transmission lines were located along the western property boundary.

The purpose of this Phase I ESA was to identify recognized environmental conditions in connection with the subject property pursuant to ASTM International (ASTM) Standard E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. This assessment has revealed the following recognized environmental conditions, controlled recognized environmental conditions, and/or significant data gaps in connection with the subject property:

- Controlled recognized environmental condition #1: A 1992 leaking underground storage tank (LUST) incident associated with the Mini Mart fueling station located approximately 500 feet north-northwest of the subject property resulted in a dissolved phase groundwater plume of petroleum-related compounds extending away from the facility toward the subject property. A Limited Phase II Environmental Site Assessment performed in early 2023 included collection of groundwater and soil gas samples from the northern portion of the subject property to evaluate whether impacts from the Mini Mart incident had impacted the subject property. Analytical results indicated the presence of tetrachloroethylene, toluene, methyl tert-butyl ether (MTBE), and acetone at

concentrations above laboratory method detection limits in groundwater samples collected at the subject property. Several volatile constituents were also detected in soil gas samples collected at the subject property at concentrations above applicable screening levels. The report concluded that constituents associated with the Mini Mart LUST release had likely migrated onto the subject property. Additional environmental investigation activities were conducted in October/November 2023. Groundwater analytical results indicated the presence of 1,4-dioxane and 2,4,6-tribromophenol at concentrations above United States Environmental Protection Agency (US EPA) Maximum Contaminant Levels (MCLs)/EPA Tapwater Regional Screening Levels (RSLs). Soil gas results indicated chloroform in soil gas at concentrations above the EPA Target Sub-slab Near-Source Soil Gas Vapor Intrusion Screening Levels (VISLs). Several other compounds were detected in each soil gas sample at concentrations below Target VISLs. The identified impacts at the subject property are considered a recognized environmental condition.

A Voluntary Cleanup Contract (VCC) between the South Carolina Department of Health and Environmental Control (SC DHEC) and Pedcor Investments-2023-CXCII, L.P. (Pedcor) related to the subject property was executed on October 3, 2023. The VCC indicated that Pedcor will acquire and intends to develop the property with low-income housing. The VCC called for implementation of engineering and/or institutional controls including recordation of a Declaration of Covenants and Restrictions related to environmental impacts for the property. A Provisional Certificate of Completion letter prepared by SC DHEC dated June 17, 2024, indicated a Declaration of Covenants and Restrictions was recorded by the Richland County Register of Deeds on June 7, 2024. The letter also indicated the remaining obligations of the VCC were related to vapor intrusion mitigation system installation and a stewardship plan, which will be completed during subject property development. Based on implementation of the controls pursuant

to the VCC, the known contamination at the subject property is considered a controlled recognized environmental condition.

Additional scope services outside of ASTM E1527-21 were performed as part of this assessment, which included evaluation of specific factors required as part of the environmental review process under the US Department of Housing and Urban Development (HUD) Multifamily Accelerated Processing (MAP) Guide.

Pursuant to ASTM E1527-21, recommendations (e.g., for additional assessment or considerations to address business environmental risks) are not required to be included in this report. Hanley Environmental can provide such recommendations to the User upon request.

2.0 INTRODUCTION

2.1 Subject Property Location

The subject property was located on one parcel (Parcel Number R15000-05-04) with address 10424 Wilson Blvd, Richland County, South Carolina. The subject property location is depicted on **Figure 1**, and site features are displayed on an aerial image on **Figure 2**. An ALTA/NSPS Land Title Survey of the subject property prepared by Atlas Surveying, Inc. dated January 10, 2023, was provided to Hanley Environmental by the prospective developer, which was used to confirm property boundaries shown on figures.

Observations of the subject property, adjoining properties, and the vicinity were performed during site reconnaissance on May 9, 2024, as described in Section 5.0. Observations of adjoining properties are described in Section 2.4. Reconnaissance was performed on foot and/or using a vehicle and included a reasonable observation of the property and structures, the periphery of the property, and the interiors of structures.

2.2 Subject Property Uses

The subject property was unoccupied, vacant land.

2.3 Subject Property Structures, Roads, and Other Improvements

The subject property encompassed approximately 22.8 acres of vacant, wooded land. Site improvements on the subject property at the time of site reconnaissance included fencing along the northern property boundary and a portion of the eastern property boundary. Electrical transmission lines were located along the western property boundary.

2.4 Description of Adjoining Property Uses

Observations of uses of adjoining properties are discussed below and categorized based on direction relative to the subject property. Historical uses of adjoining properties are discussed in Section 4.4.

Direction	Observed Uses
North	Truck parking lot (Rockfish).
East	Fitness center (Redzone Elite Sports Fitness Training), HVAC contractor office (Mountain Air Heating and Cooling), automotive body shop (Caliber Collision), vacant and wooded land.
South	Vacant land to the southwest and truck parking to the southeast of the subject property. A nursery (Reese's Plants) was present beyond the vacant land to the south.
West	Wilson Boulevard with residential use beyond.

Adjoining properties were not identified in standard environmental record sources reviewed (see Section 4.1). While observed uses of some adjoining properties have the potential for the use or releases of hazardous materials or petroleum products (e.g., HVAC contractor office, automotive body shop, truck and construction equipment parking), observations during site reconnaissance and other information obtained did not indicate a high likelihood of releases with the potential to impact the subject property. Observations of and information reviewed relating to adjoining properties did not identify recognized environmental conditions in connection with the subject property.

2.5 Contractual Information

2.5.1 Phase I ESA Purpose

The purpose of this Phase I ESA was to identify recognized environmental conditions in connection with the subject property pursuant to ASTM Standard E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. This report is intended to satisfy requirements of the E1527-21 standards as meeting the requirements of All Appropriate Inquiries. Definitions of terms from ASTM E1527-21 that may be used in this report are summarized below.

- A recognized environmental condition is: (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.
- A controlled recognized environmental condition is a type of recognized environmental condition 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 (for example, activity and use limitations, institutional controls, or engineering controls).
- A historical recognized environmental condition is 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 (for example, activity and use limitations, institutional controls, or engineering controls).

- A *de minimis* condition generally does not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. *De minimis* conditions, as defined in ASTM E1527-21, are not considered recognized environmental conditions.

Findings including features, activities, uses, and conditions that may indicate recognized environmental conditions, controlled recognized environmental conditions, historical recognized environmental conditions, and *de minimis* conditions are identified in Section 7.0 of this report, along with the environmental professional's opinion of the impact of the condition on the property.

As dictated by ASTM E1527-21, this environmental site assessment is considered valid and can be relied upon by the Client/User if certain assessment components were completed less than 180 days prior to the date of property acquisition (for transactions involving an acquisition). A summary of completion dates is listed below.

Phase I ESA Component	Earliest Date Completed
Interviews	5/3/2024
Searches for environmental cleanup liens	5/17/2024
Review of governmental records	4/30/2024
Site reconnaissance	5/9/2024
Environmental Professional Declaration	7/1/2024

Accordingly, this report can be presumed to be valid for a property transaction where acquisition occurs within 180 days of April 30, 2024.

Hanley Environmental understands that this assessment was requested prior to the proposed acquisition of an interest in the subject property, with the intent of meeting the standard of All Appropriate Inquiries into the previous ownership and uses of the property consistent with good commercial and customary practice in order to satisfy requirements

for certain liability protections under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

2.5.2 Scope of Work

The scope of work was performed in general accordance with ASTM E1527-21 and Client-specified requirements. Data gaps and deviations from ASTM E1527-21 are described in Section 7.3. Work was conducted pursuant to the Environmental Site Assessment Bid Request / Contract between Hanley Environmental and Merchants Capital Corp. dated May 17, 2024.

As defined in ASTM E1527-21, the User is the party seeking to use ASTM E1527-21 to complete an ESA of the subject property. This assessment was prepared for the use and benefit of Merchants Capital Corp.; Pedcor Investments-2023-CXCIII, L.P.; Stearns Bank National Association; and South Carolina State Housing Finance & Development Authority as well as their successors and assigns and the lending institution in connection with a secured financing of the subject property. The assessment was performed subject to the terms and conditions agreed upon between Hanley Environmental and the Client. The Client and Hanley Environmental were solely responsible for forming the scope of work. Accordingly, reliance on this report by any other party may involve assumptions leading to unintended interpretation of findings and opinions. Reliance by parties other than those listed above on the contents of this report is not guaranteed and shall be at the sole risk of that party. Hanley Environmental may offer reliance to third parties with the consent of the Client and for a fee, subject to mutually agreeable terms and conditions. The User has specific obligations for completing a successful application of ASTM E1527-21 which are outlined in the Standard.

2.5.3 Limiting Conditions, Exceptions, Significant Assumptions, and Special Terms and Conditions

The findings and opinions presented in this report are based on information obtained during performance of the Phase I ESA and Hanley Environmental's professional experience, and

reflect conditions at the time of performance. These findings and opinions should not be relied upon to represent conditions in the future.

Although this assessment has attempted to identify recognized environmental conditions in connection with the subject property, this work is subject to uncertainty, and Hanley Environmental cannot warrant that the subject property contains no hazardous substances or petroleum products or other potential environmental risks. Conditions may not have been identified due to the limited scope of this assessment, the inaccuracy of information reviewed, undetected or unreported environmental incidents, conditions or areas that were inaccessible or could not be viewed, or concealment of information by others.

Hanley Environmental's professional services were performed with the care and skill ordinarily used by members of the same profession currently practicing under similar circumstances in the state and locality of the project. This environmental assessment was not exhaustive, and the scope and limitations of the work should be considered by the User when developing opinions related to risks associated with the subject property. Uncertainty may be reduced through additional research or assessment, which Hanley Environmental may provide upon request.

The following significant assumptions have been made in performance of this Phase I ESA:

- Hanley Environmental considered information obtained from the Client, the Client's representative(s), prospective developer, individuals interviewed, and environmental reports and can neither warrant nor guarantee the comprehensiveness or accuracy of the information obtained.
- Conditions observed were considered to be representative of areas that were not observed, unless indicated otherwise.
- Hanley Environmental's findings are based on the locations of boundaries of the subject property as evident from visual observations in the field using maps or plats

provided by the Client, prospective developer or another source as described in Section 2.1.

3.0 USER PROVIDED INFORMATION

As required by ASTM E1527-21, Hanley Environmental requested certain information from the User of this Phase I ESA in a User Questionnaire to assist in identifying recognized environmental conditions. A User Questionnaire (**Appendix A**) was completed by Michael S. Byron, a representative of Pedcor Investments-2023-CXCIII, the prospective developer of the subject property.

- The User or its representative indicated that the reason for performing the Phase I ESA was related to purchase of the subject property.
- The User or its representative provided Hanley Environmental with a Commitment for Title Insurance dated January 10, 2023, and an environmental lien search dated May 17, 2023. Hanley Environmental reviewed the Commitment for Title Insurance and environmental lien search and did not identify environmental liens or activity and use limitations associated with the subject property. Hanley Environmental reviewed online deed records related to the property using the Richland County Premier Online Data Services Subscription Management System on May 20, 2024, including a search of the current property owner to cover the period after the May 17, 2023, environmental lien search. The search results indicated that no environmental liens or activity and use limitations have been filed on public record.
- The User or its representative indicated that they were not aware of environmental liens, deed restrictions, engineering or institutional controls, or other activity and use limitations associated with the subject property.
- The User or its representative indicated that they did not have specialized knowledge of the subject property.
- The User or its representative indicated that the purchase price of the property was equal to market value.

- The User or its representative indicated that they were aware of commonly known or reasonable ascertainable information about the subject property that would help to identify recognized environmental conditions, or of obvious indicators that point to the presence or likely presence of releases at the subject property. Previous Phase I ESA and Phase II ESA reports were referenced (Discussed in Section 4.5).

Excerpts from documents provided by the User, its representatives, or other sources are included in **Appendix B**. These documents are listed in Section 9.0.

The User identified the subject property owners as Barry L. Story and Nan S. Easterlin, and provided Hanley Environmental with contact information for Mr. Jim Trotter, who was identified as an attorney representing the subject property owners, to obtain information to support the Phase I ESA. Mr. Trotter was identified as a key site manager. Interview information from the key site manager is presented in Section 6.0.

4.0 RECORDS REVIEW

Review of environmental, physical setting, and historical use records was performed for the subject property and surrounding areas pursuant to the requirements of ASTM E1527-21.

4.1 Standard Environmental Record Sources

Standard federal, state, and tribal environmental record sources were reviewed for the subject property and approximate minimum search distances as specified in ASTM E1527-21. Regulatory listings included only those facilities or incidents that were known to the regulatory agencies at the time of publication. Records were obtained from a third-party database search provider, Environmental Risk Information Services, who is responsible for the accuracy and completeness of its records. The complete database report is included in **Appendix C** and findings are summarized below.

Standard Environmental Record Source	Approximate Minimum Search Distance (miles)	Total Properties Identified
Federal National Priorities List (NPL) site list	1.0	0
Federal Delisted NPL site list	0.5	0
Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list	0.5	0
Federal CERCLIS No Further Remedial Action Planned (NFRAP) site list	0.5	0
Federal Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS) facilities list	1.0	0
Federal RCRA non-CORRACTS Treatment, Storage, Disposal (TSD) facilities list	0.5	0
Federal RCRA generators list	Subject property and adjoining properties only	0
Federal institutional control/engineering control registries	Subject property only	0
Federal Emergency Response Notification System (ERNS) list	Subject property only	0
State and tribal lists of hazardous waste sites identified for investigation or remediation state- and tribal-equivalent NPL	1.0	0
State and tribal lists of hazardous waste sites identified for investigation or remediation state- and tribal-equivalent CERCLIS	0.5	0
State and tribal landfill and/or solid waste disposal sites list	0.5	0
State and tribal leaking storage tank lists	0.5	8
State and tribal registered storage tank lists	Subject property and adjoining properties property only	0
State and tribal institutional control/engineering control registries	Subject property only	0
State and tribal voluntary cleanup sites	0.5	0
State and tribal Brownfields sites	0.5	0

Hanley Environmental reviewed the database report and identified the following information pertaining to the subject property, off-property sites, and unmappable properties.

- The subject property was not listed in the Database Report.
- Three off-property sites listed in the Database Report are considered significant and warrant further discussion based on the type of database listing, proximity to the subject property, apparent hydrological relationship to the subject property, information in the database report, or observations of the facility during reconnaissance.
 - Mini Mart/Spivey's Service Station located at 10447 Wilson Boulevard was located approximately 500 feet north-northwest of the subject property, across Wilson Boulevard and at a similar topographic elevation to the subject property. The facility was listed on the state LUST database and underground storage tank (UST) database. This facility was observed to be operating as an active fueling station and automotive repair facility at the time of site reconnaissance. Information in the database report indicated that a release of petroleum was reported on January 10, 1992, with corrective actions ongoing. Water supply wells were reported less than 1,000 feet downgrade. Hanley Environmental reviewed documents related to this incident included in a previous Phase I ESA for the subject property. Hanley Environmental also inquired with the SC DHEC incident project manager whether more recent information related to this incident was available. As of the date of this report, no response was received from SC DHEC.

A Corrective Action System Evaluation Report #16 dated July 11, 2022, was prepared by Midlands Environmental Consultants, Inc. The report indicated that a release of petroleum product was reported in January of 1992. Groundwater assessment activities identified free phase petroleum in the vicinity of the facility and a dissolved phase groundwater plume extending away from the facility. The groundwater flow direction in the intermediate

aquifer zone was to the east and southeast, toward the subject property. Four groundwater monitoring wells were historically present to within approximately 50 feet of the northern subject property boundary. Concentrations of benzene, toluene, ethylbenzene, xylenes, naphthalene, and MTBE were historically detected in these wells. Two of the four wells (MW-38i and DW-4) still existed in 2022 and did not have detections of analyzed constituents in the most recently reported (July 2021) sampling event.

A Limited Phase II Environmental Site Assessment Report dated February 2, 2023, prepared by Hanley Environmental included collection of groundwater and soil gas samples from the northern portion subject property to evaluate whether impacts from the Mini Mart incident had impacted the subject property. This report is summarized in Section 4.5. Analytical results indicated the presence of tetrachloroethylene, toluene, MTBE, and acetone at concentrations above laboratory method detection limits in groundwater samples collected at the subject property. Several volatile constituents were also detected in soil gas samples collected at the subject property at concentrations above applicable screening levels. The report concluded constituents associated with the Mini Mart LUST release had likely migrated onto the subject property. The presence of tetrachloroethylene could indicate that another source may have also contributed to groundwater impacts, as this chlorinated solvent was unlikely to have been associated with the LUST incident. The identified impacts at the subject property are considered a recognized environmental condition.

- Sharpe Shoppe IV located at 10400 Wilson Boulevard was located approximately 600 feet south-southwest of the subject property and at a slightly lower topographic elevation than the subject property. The facility was listed on the state LUST and UST databases. Information in the database indicated that a release was reported January 27, 2009, cleanup was initiated

and completed January 29, 2009, and the incident was given no-further-action status on the same day. File review information from the November 2022 Phase I ESA of the subject property indicated that, "...the incident was limited to a spill containment bucket of the Super gasoline tank. The impacted soil was analyzed and not found to contain petroleum hydrocarbon chemicals of concern at or above the regulatory screening levels. Therefore, DHEC issued a "No Further Action" letter for the LUST." Based on the distance to the subject property, likely downgradient location relative to the subject property, and regulatory status, this incident is not considered a recognized environmental condition.

- Pitt Stop 3 located at 10328 Wilson Boulevard was located approximately 1,500 feet south-southwest of the subject property and at a lower elevation than the subject property. The facility was listed on the state LUST database. Information in the database indicated that three releases were reported at this facility on June 25, 2009, September 9, 2010, and September 22, 2021. No-further-action status was given to the 2009 release incident on June 25, 2009, and the 2021 release incident on September 30, 2021. Investigation/risk assessment was being conducted related to the 2010 incident. File review information from the November 2022 Phase I ESA of the subject property indicated that, "The groundwater gradient at the Pitt Stop 3 site reportedly flows in a southwest direction, away from the Subject Property." Based on the distance from the subject property and reported groundwater flow direction, this facility is not considered a recognized environmental condition.
- Although it was not located within minimum search distances and was not an adjoining property, the Owens Corning facility at 1051 Jenkins Brothers Road, located approximately 200 feet southeast of the subject property, was reviewed due to its potential significance to this assessment. This facility was first developed between 1971 and 1983. The facility reportedly produced insulation, roofing, and fiberglass

composites. The facility was listed in the RCRA Very Small Quantity Generator database. The facility was previously listed as a large quantity generator at various times. Compliance violations were noted in 1989, 1992, 1995, and 2003. The facility was also included on the Air Permit, Hazardous Materials Information Reporting System (HMIRS), Toxic Substances Control Act (TSCA), and Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors databases. Information reviewed related to this facility did not indicate releases had occurred with the potential to impact the subject property. Based on the distance from the subject property, presumed groundwater flow direction, and regulatory status, this facility is not considered a recognized environmental condition.

- Seven other listings of standard environmental record sources were identified in the database report within the approximate minimum search distances. Based on distances from the subject property, area topography or inferred groundwater flow direction, regulatory status, and/or lack of reported release incidents or facility violations, the likelihood of impacts to the subject property associated with these listings is considered be low.
- The database report listed several “unplottable” sites that could not be mapped due to inadequate location information. Hanley Environmental reviewed the list of unplottable sites. Based on limited information in the database report, the unplottable sites do not appear to be in the immediate vicinity of the subject property or have received regulatory closure and/or are considered to have a low likelihood of impacting the subject property.

4.2 Additional Environmental Record Sources

Hanley Environmental typically performs review of additional environmental record sources to supplement information in the standard environmental record sources when such additional records were considered to be reasonably ascertainable, sufficiently useful, accurate, and complete in consideration of the objective of the records review. Additional

records from historical reports related to the Mini Mart facility, Sharpe Shoppe IV facility, and Pitt Stop 3 facility were reviewed as discussed above. An inquiry for more recent documents related to the Mini Mart facility was submitted to SC DHEC, and as of the date of this report, no response was received from SC DHEC. Available information related to the Mini Mart facility is considered sufficient to establish that subject property impacts related to the facility represent a recognized environmental condition.

4.3 Physical Setting Sources

Physical setting sources (listed in Section 9.0) were reviewed to provide information about the physical characteristics of the subject property. Historical research documentation is included in **Appendix D**.

Based on the topographic maps reviewed, the subject property was generally flat and sloped gently to the southwest toward a drainage ditch near the southwestern portion of the subject property. The drainage ditch led off-property into a culvert extending to the west beneath Wilson Boulevard. A 2023 Phase I ESA Report noted that flagging marked “Wetlands” was identified on the subject property near the drainage ditch. The scope or purpose of a possible wetland delineation associated with the flagging was unknown, and only one flag was observed. Data from US Fish & Wildlife did not indicate the presence of wetlands or waterbodies on the subject property. The subject property had an elevation of approximately 628 feet above sea level. Observations of the site topography generally corresponded with information reviewed on topographic maps, although topographic maps reviewed did not indicate the presence of wetlands or the drainage ditch.

According to sources reviewed, the subject property was located in the Upper Cretaceous unit of the Coastal Plain Physiographic Province of South Carolina. The Upper Cretaceous is characterized by mostly micaceous, kaolinitic sands, with lenses of clay of variable thickness. Sands are mostly coarse sand to granule size, angular to subangular and poorly sorted, although some fine-grained, fairly well-sorted sand does occur. The sediments represent fluvial or upper delta-plain environments. The Coastal Plain aquifers are recharged primarily

by precipitation in their outcrop areas. Groundwater flows from the outcrop areas of recharge, through the aquifers, and discharges to upper Coastal Plain rivers, overlying aquifers as upward leakage, and water supply wells.

The ERIS Physical Setting Report identified five groundwater wells within one mile of the subject property. One water supply well was present at the Mini Mart facility, located northwest of the subject property. Several groundwater monitoring wells were present near the subject property boundary associated with the Mini Mart LUST incident. A well survey was completed by Hanley Environmental in October 2023 as part of an environmental investigation. The well survey included a pedestrian and windshield survey and a desktop review of information, including records provided by SC DHEC. Hanley Environmental identified two nearby properties that had the potential to use private water supply wells, and SC DHEC records indicated water supply well permits for eight properties within ½ mile of the subject property boundary.

Temporary groundwater monitoring wells were installed and subsequently abandoned at the subject property during assessment activities in February and October 2023. The potentiometric surface was measured at a range of approximately 12 to 21 feet below ground surface. Based on measured groundwater depths and surveyed monitoring well elevations during the October 2023 assessment activities, the groundwater gradient appeared to slope gently to the east and west from the center of the subject property. No groundwater supply wells were observed or reported on the subject property.

4.4 Historical Use Information

Historical sources (listed in Section 9.0) were reviewed to develop a history of the previous uses of the subject property and surrounding area in order to help identify the likelihood of past uses having led to recognized environmental conditions. Historical information sources reviewed included aerial photographs, topographic maps, city directories, regulatory files, and previous reports on the subject property. No fire insurance maps for the subject property were identified. Findings from this review are summarized in the table below.

Location (Current Use)	Prior Uses	Comments
Subject property (vacant)	The subject property was undeveloped and vacant dating back to at least 1935. Historical aerial photographs indicate that the site was primarily unwooded with sparse trees from at least 1938 to 1964, and became primarily wooded after that time. Historical sources did not indicate historical agricultural use, however, uses prior to 1935 are uncertain.	Information reviewed did not indicate recognized environmental conditions in connection with the subject property.
Northern adjacent properties (truck parking)	Scott Ridge Ln was present dating back to at least 1935, with surrounding areas undeveloped through 2009. An area northeast of the subject property was cleared and developed with several apparent buildings in the early 2010's. Truck parking was apparent in the northeastern area beginning around 2015. The remainder of the north-adjacent property was developed for truck parking by 2017. Apparent uses remained similar to those observed today after that time.	<p>Observed uses of some adjoining properties have the potential for the use or release of hazardous materials or petroleum products (truck parking). Observations during site reconnaissance and other information obtained did not indicate a high likelihood of releases with the potential to impact the subject property.</p> <p>Information reviewed did not indicate recognized environmental conditions in connection with the subject property.</p>

Location (Current Use)	Prior Uses	Comments
Eastern adjacent properties (Fitness center, HVAC contractor office, automotive body shop, vacant and wooded land)	Apparent agricultural use dating from at least 1938 until prior to 1951. Vacant and partially wooded from 1951 until the 2000's. The current fitness center development was first apparent in a 2005 aerial photograph. The current automotive body shop development was first apparent in a 2009 aerial photograph. The current HVAC contractor office development was first apparent in a 2019 aerial photograph.	Observed uses of some adjoining properties have the potential for the use or releases of hazardous materials or petroleum products (HVAC contractor office, automotive body shop). Observations during site reconnaissance and other information obtained did not indicate a high likelihood of releases with the potential to impact the subject property. Information reviewed did not indicate recognized environmental conditions in connection with the subject property.
Southern adjacent properties (vacant land, truck parking, construction equipment parking)	<p>Apparent agricultural use dating from at least 1938 until prior to 1961. A single family residential-sized structure was first apparent in a 1961 aerial photograph, and had been demolished between 1994 and 2005. The eastern portion of the south-adjacent property was cleared between 1994 and 2005. Reese's Plants was developed between 2006 and 2009. Apparent uses remained similar to those observed today after that time. Construction equipment parking is not apparent in aerial imagery including from 2023, suggesting that equipment storage may have been temporary. The truck parking area adjacent to the southeastern subject property boundary was under construction in the 2023 aerial photograph.</p> <p>Although not an adjacent property, an Owens Corning facility was located southeast of the subject property, within approximately 200 feet. This facility was first developed between 1971 and 1983. This facility is further discussed in Section 4.1.</p>	Information reviewed did not indicate recognized environmental conditions in connection with the subject property.

Location (Current Use)	Prior Uses	Comments
Western adjacent properties (residential)	Wilson Boulevard was present from prior to 1935, with vacant land beyond. Development of single-family residential uses occurred from the 1950's to 1960's. Apparent uses remained similar to those observed today after that time.	Information reviewed did not indicate recognized environmental conditions in connection with the subject property.

4.5 Review of Previous Reports

Hanley Environmental reviewed five reports provided by the prospective developer as summarized below.

Report	Pertinent Information	Comments
Phase I Environmental Site Assessment Prepared by Alternative Construction & Environmental Solutions, Inc March 8, 2005	The Phase I ESA was performed pursuant to ASTM 1527-00. The site assessed matches the current subject property. The report indicated that the subject property consisted of undeveloped land with no structures. An interview with property owner Mr. Bert Storey was conducted, and no information of environmental concern was ascertained. The report concluded that the assessment revealed evidence of recognized environmental conditions, described as follows, "Although no significant environmental condition was identified, ACES does recommend that the client regularly inspect the Property for any changes in the functionality, staining or debris. Periodic inspections should be performed as the surrounding areas are currently being cleared for development with large amounts of debris on the property line to the south."	Information reviewed did not indicate recognized environmental conditions in connection with the subject property.
Phase I Environmental Site Assessment Prepared by Arkose Environmental, Inc. November 4, 2022	The Phase I ESA was performed pursuant to ASTM E1527-21. The site assessed matches the current subject property. The report indicated that the subject property was unoccupied vacant land and was historically undeveloped. The report indicated that the Mini Mart LUST site located 528 feet north-northwest of the subject property appeared to represent evidence of a recognized environmental condition.	Discussion related to the Mini Mart LUST site is presented in Section 4.1.

Report	Pertinent Information	Comments
<p>Limited Phase II Environmental Site Assessment Report</p> <p>Prepared by Hanley Environmental, PLLC</p> <p>February 2, 2023</p>	<p>This Limited Phase II ESA was performed to assess whether groundwater impacts were present at the site, and to better understand the risk of vapor intrusion at future site buildings. The assessment included collection and analysis of groundwater samples from three temporary monitoring wells near the northern property boundary, and three soil gas samples from near the planned locations of the northernmost future site buildings.</p> <p>Analytical results indicated the presence of tetrachloroethylene, toluene, methyl tert-butyl ether, and acetone at concentrations above laboratory method detection limits in groundwater samples collected at the site. Concentrations detected in groundwater did not exceed US EPA Maximum Contaminant Levels (MCLs) or Target Groundwater Vapor Intrusion Screening Levels (VISLs).</p> <p>Soil gas results indicated benzene, 1,3-butadiene, ethylbenzene, heptane, naphthalene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, o-xylene, m,p-xylene, and xylenes (total) in soil gas at concentrations above the EPA Target Sub-slab Near-Source Soil Gas VISLs. Several other compounds were detected in each soil gas sample at concentrations below Target VISLs. The EPA VISL Calculator indicated carcinogenic risk of 8.32×10^{-5} and a non-carcinogenic hazard index of 5.27. The hazard index exceeded the acceptable risk threshold.</p> <p>The report concluded constituents associated with the Mini Mart LUST release had likely migrated onto the subject property.</p>	<p>The presence of groundwater and soil gas concentrations of hazardous substance and petroleum-related products is considered a recognized environmental condition. Impacts likely migrated onto the subject property from the Mini Mart LUST incident. Discussion related to the Mini Mart LUST site is presented in Section 4.1.</p>

Report	Pertinent Information	Comments
<p>Phase I Environmental Site Assessment</p> <p>Prepared by Hanley Environmental, PLLC</p> <p>October 2, 2023</p>	<p>The Phase I ESA was performed pursuant to ASTM E1527-21. The site assessed matches the current subject property. The report indicated that the subject property was unoccupied vacant land and was historically undeveloped. The report indicated the identified impacts at the subject property related to the Limited Phase II ESA activities were considered a recognized environmental condition.</p>	<p>The Limited Phase II ESA concluded that impacts likely migrated onto the subject property from the Mini Mart LUST incident. Discussion related to the Mini Mart LUST site is presented in Section 4.1.</p>
<p>Environmental Investigation Report</p> <p>Prepared by Hanley Environmental, PLLC</p> <p>December 19, 2023</p>	<p>The environmental investigation activities were conducted to satisfy requirements of a Voluntary Cleanup Contract. The investigation included collection and analysis of soil samples from twelve locations, groundwater samples from five temporary monitoring wells, and seven soil gas samples from near the planned locations of future site buildings.</p> <p>Analytical results did not indicate compounds in soil at concentrations above regulatory levels and/or published regional background metals. The EPA Regional Screening Level (RSL) Risk Calculator indicated calculated carcinogenic and non-carcinogenic risks were below acceptable risk thresholds.</p> <p>Groundwater analytical results indicated the presence of 1,4-dioxane and 2,4,6-tribromophenol at concentrations above US EPA MCLs/EPA Tapwater RSLs. Several metals were detected above their respective MCLs or Tapwater RSLs, but it was noted concentrations may have been influenced by elevated turbidity.</p> <p>Soil gas results indicate chloroform in soil gas at concentrations above the EPA Target Sub-slab Near-Source Soil Gas VISLs. Several other compounds were detected in each soil gas sample at concentrations below Target VISLs. EPA VISL Calculator for site-wide data indicated carcinogenic risk of 8.49×10^{-5} and a non-carcinogenic hazard index of 5.27. The hazard index exceeded the acceptable risk threshold.</p>	<p>The presence of groundwater and soil gas concentrations of hazardous substance and petroleum-related products is considered a recognized environmental condition. Impacts likely migrated onto the subject property from off-site sources as discussed in Section 4.1.</p>

Additionally, a Voluntary Cleanup Contract (VCC) between SC DHEC and Pedcor related to the subject property executed on October 3, 2023, was reviewed (Appendix B). The VCC indicated that Pedcor will acquire and intends to develop the property with low-income housing. The VCC called for implementation of engineering and/or institutional controls including recordation of a Declaration of Covenants and Restrictions related to environmental impacts for the property. A Provisional Certificate of Completion letter prepared by SC DHEC dated June 17, 2024, indicated a Declaration of Covenants and Restrictions was recorded by the Richland County Register of Deeds on June 7, 2024. The letter also indicated the remaining obligations of the VCC were related to vapor intrusion mitigation system installation and a stewardship plan, which will be completed during subject property development. Based on implementation of the controls pursuant to the VCC, the known contamination at the subject property is considered a controlled recognized environmental condition.

5.0 SITE RECONNAISSANCE

Site reconnaissance was performed on May 9, 2023, by Mr. Joe Gentilcore of Hanley Environmental. The objective of site reconnaissance was to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the subject property.

Reconnaissance was performed through visual and physical observation of the property and structures located on the property (if any) to the extent not obstructed by bodies of water, adjacent buildings, or other obstacles. The periphery of the property was observed, as well as the periphery of structures on the property. The property was also observed from adjacent public thoroughfares (if present). The subject property was wooded, and dense vegetation limited visibility of the ground surface.

Observations related to the general site setting are discussed in Sections 2.1 through 2.4. Observations of the subject property and related reported information are summarized in the table below. A photographic log of site reconnaissance is included in **Appendix E**.

Description	Reported or Observed on the subject property (Y/N)	Comments
General Observations		
Hazardous substances and petroleum products in connection with identified uses	N	
Storage Tanks	N	
Strong, Pungent, or Noxious Odors	N	
Pools of Liquid	Y	Standing water (precipitation runoff) was observed in a drainage ditch near the southwestern portion of the subject property. The drainage ditch led off-property into a culvert extending to the west beneath Wilson Boulevard.
Drums	N	
Hazardous Substances and Petroleum Products Not in Connection with Identified Uses	N	
Unidentified Substance Containers	N	
Potential Polychlorinated Biphenyl (PCB)-containing Hydraulic or Electrical Equipment	N	No potential PCB-containing equipment was observed on the subject property. One pole-mounted transformer was observed off-site near the southwestern corner of the subject property. Hanley Environmental did not observe staining or other obvious indications of a release associated with the transformer. Based the condition of the transformer and likely age of the power pole, the transformer was likely manufactured after the 1979 ban of the use of PCBs in commerce, and therefore was unlikely to contain PCBs.
Hydraulic Equipment	N	
Contracted Maintenance Services	N	

Description	Reported or Observed on the subject property (Y/N)	Comments
Utilities and Stormwater Management	Y	<p>Electrical transmission lines were located along the western property boundary. A marker for an underground cable was also observed along the western property boundary. The survey provided by the client indicated that the power line ran directly along the property line, and an underground fiber-optic line was present just off-property. No utility service was observed or reported at the subject property.</p> <p>A reinforced concrete pipe storm drain was present off-property which ran underneath Wilson Boulevard. A drainage ditch in the southwestern portion of the subject property directed stormwater to the storm drain.</p>
Exterior Observations		
Pits, Ponds, Lagoons, and Surface Water	Y	Standing water was observed within a drainage ditch near the southwestern corner of the subject property, which likely resulted from ongoing rain at the time of site reconnaissance.
Stained Soil or Pavement	N	
Stressed Vegetation	N	
Solid Waste	Y	Limited inert debris was observed in wooded areas on the subject property including typical roadside litter, tires, a wooden door, a wooden pallet, and other items. The types, extent, and condition of debris observed did not indicate the likely release of hazardous substances or petroleum products that could impact the subject property.
Process/ Industrial Wastewater Discharges	N	
Wells	N	
Septic Systems	N	

6.0 INTERVIEWS

Interviews were conducted or reasonable attempts were made to interview certain individuals as required by ASTM E1527-21 with the objective of obtaining information indicating recognized environmental conditions in connection with the subject property.

Interviews were conducted in person, by telephone, or in writing. Interviews are summarized in the table below.

Interviewee	Role	Date Completed	Comments
Mr. James B. Trotter	Owner's Attorney / Key Site Manager	5/3/2024	Mr. James B. Trotter was provided with an Owner Representative Interview Questionnaire which was previously completed by Ms. Laura M. Seigler with BLS Holdings Group, LLC during performance of a previous Phase I ESA of the subject property in 2022. The questionnaire did not identify records or recollection of incidents posing environmental concern in connection with the subject property. Mr. Trotter was requested to confirm with the owner or a knowledgeable representative whether the information in the questionnaire had changed since the time it was completed, or if new relevant information was available. Mr. Trotter responded that nothing has changed with respect to the sellers' knowledge since the questionnaire was completed.
Richland County Ombudsman	Richland County	5/7/24	A request for relevant information on the subject property was made to the Richland County Ombudsman on May 3, 2024. On May 7, 2024, the Richland County Ombudsman responded, "All departments indicated that there are no responsive documents regarding this matter available."

Interview records of communication are included in **Appendix F**.

7.0 EVALUATION

This section documents the findings, opinions, and conclusions of the Phase I ESA.

7.1 Findings and Opinions

Findings including features, activities, uses, and conditions that may indicate recognized environmental conditions, controlled recognized environmental conditions, historical recognized environmental conditions, and *de minimis* conditions are summarized below, along with an opinion of the impact on the subject property and an explanation of the logic and reasoning used in forming the opinion.

- A 1992 LUST incident associated with the Mini Mart fueling station located approximately 500 feet north-northwest of the subject property resulted in a dissolved phase groundwater plume of petroleum-related compound extending away from the facility toward the subject property. A Limited Phase II Environmental Site Assessment performed in early 2023 included collection of groundwater and soil gas samples from the northern portion of the subject property to evaluate whether impacts from the Mini Mart incident had impacted the subject property. Analytical results indicated the presence of tetrachloroethylene, toluene, MTBE, and acetone at concentrations above laboratory method detection limits in groundwater samples collected at the subject property. Several volatile constituents were also detected in soil gas samples collected at the subject property at concentrations above applicable screening levels. The report concluded that constituents associated with the Mini Mart LUST release had likely migrated onto the subject property. Additional environmental investigation activities were conducted in October/November 2023. Groundwater analytical results indicated the presence of 1,4-dioxane and 2,4,6-tribromophenol at concentrations above US EPA MCLs/EPA Tapwater RSLs. Soil gas results indicated chloroform in soil gas at concentrations above the EPA Target Sub-slab Near-Source Soil Gas VISLs. Several other compounds were

detected in each soil gas sample at concentrations below Target VISLs. The identified impacts at the subject property are considered a recognized environmental condition.

A Voluntary Cleanup Contract (VCC) between SC DHEC and Pedcor related to the subject property was executed on October 3, 2023. The VCC indicated that Pedcor will acquire and intends to develop the property with low-income housing. The VCC called for implementation of engineering and/or institutional controls including recordation of a Declaration of Covenants and Restrictions related to environmental impacts for the property. A Provisional Certificate of Completion letter prepared by SC DHEC dated June 17, 2024, indicated a Declaration of Covenants and Restrictions was recorded by the Richland County Register of Deeds on June 7, 2024. The letter also indicated the remaining obligations of the VCC were related to vapor intrusion mitigation system installation and a stewardship plan, which will be completed during subject property development. Based on implementation of these controls pursuant to the VCC, the known contamination at the subject property is considered a controlled recognized environmental condition.

No significant data gaps (as defined in ASTM E1527-21) were identified during this investigation.

7.2 Conclusions

Hanley Environmental performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-21 of the subject property. Exceptions to, or deletions from, this practice are described in Section 2.5.3 of this report. This assessment has revealed the following recognized environmental conditions, controlled recognized environmental conditions, and/or significant data gaps in connection with the subject property:

- Controlled recognized environmental condition #1: The identified impacts in subject property groundwater and soil gas are considered likely to have originated at least partially from the Mini Mart LUST incident. Based on implementation of engineering and/or institutional controls pursuant the Voluntary Cleanup Contract with SC DHEC, the known contamination at the subject property is considered a controlled recognized environmental condition.

7.3 Data Gaps

A data gap is defined in ASTM E1527-21 as a lack of or inability to obtain required information despite good faith efforts. The following data gaps were identified during performance of this Phase I ESA. Based on the information reviewed and professional experience of the environmental professional, these data gaps were not considered to be significant in affecting the ability to identify recognized environmental conditions.

- Data failure (a type of data gap) occurred during historical review of the subject property. Historical sources had gaps of greater than five-year intervals dating back to first use. Based on the information reviewed and professional experience of the Environmental Professional, this data failure is not considered to constitute a significant data gap.

7.4 Signature and Qualifications of Environmental Professional

Qualifications of the Environmental Professional and the personnel that conducted the site reconnaissance and interviews are included in **Appendix G**.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR §312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



David Hanley
Principal
Hanley Environmental, PLLC

Declaration Date: July 1, 2024

I understand that my Phase I ESA Report will be used by the U.S. Department of Housing and Urban Development to document that the MAP Lender's application for FHA multifamily mortgage insurance was prepared and reviewed in accordance with HUD requirements. This report has been made, presented, and delivered for the purpose of influencing an official action of the FHA, and of the Commissioner, and may be relied upon by the Commissioner as a true statement of the facts contained therein. I certify that my review was in compliance with HUD program and processing requirements applicable on the date of my review and that I have no financial interest or family relationship with the officers, directors, shareholders, members or partners of the Lender or affiliated entities, Borrower or affiliated entities, the General Contractor, any subcontractors, the buyer or seller of the proposed property and that I have not engaged in any business that might present a conflict of interest.

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 administrative sanctions, including fines, penalties, and/or imprisonment under applicable federal law, including but not limited to 12 U.S.C. §§ 1708 and 1735f-14, and 1833a; 18 U.S.C. §§1001, 1006, 1010, 1012, and 1014; and 31 U.S.C. §§3729 and 3802.



David Hanley
Principal
Hanley Environmental, PLLC

Declaration Date: July 1, 2024

8.0 NON-SCOPE SERVICES

Pursuant to ASTM E1527-21, recommendations (e.g., for additional assessment or considerations to address business environmental risks) are not required to be included in this report. Hanley Environmental can provide such recommendations to the User upon request.

The following non-ASTM scope environmental issues are addressed by the HUD Environmental Review Online System (HEROS) to document compliance with NEPA and other Environmental Federal laws, authorities, Executive Orders, and HUD Standards. Evaluations were performed related to these issues as described in the following sections.

8.1 Vapor Encroachment Screening

A *Vapor Screening Report* was provided in the Phase I ESA dated October 2, 2023 (include in **Appendix B**). The encroachment screening was performed in accordance with ASTM E2600-15 "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions". This screening involved assessment of known or suspected contaminated sites within certain radii from the subject property.

The Mini Mart facility located at 10447 Wilson Boulevard was located approximately 500 feet north-northwest of the subject property, across Wilson Boulevard and at a similar topographic elevation to the subject property. The facility was listed on the state LUST database and UST database. The Mini Mart incident is within 1/10-mile of the subject property and presents a vapor encroachment concern for the subject property.

Previous assessment activities at the subject property identified volatile constituents in groundwater and soil gas which were considered likely to have originated at least partially from the Mini Mart release. A *Limited Phase II Environmental Site Assessment Report* dated February 2, 2023, and an *Environmental Investigation Report* dated December 19, 2023, both prepared by Hanley Environmental, concluded that assessment data indicated the potential for soil gas to indoor air vapor intrusion to result in unacceptable risk levels for future buildings under a residential use scenario. The reports stated that this risk could be addressed with appropriate engineering controls such as vapor intrusion mitigation systems at planned buildings.

A Vapor Intrusion Mitigation Plan (VIMP) prepared by Hanley Environmental, dated January 22, 2024, presented specifications for vapor intrusion mitigation systems to be installed in planned site buildings. The VIMP was prepared pursuant to the Voluntary Cleanup Contract and was submitted to SC DHEC on behalf of Pedcor. The VIMP was approved by SC DHEC in a letter dated January 30, 2024 (**Appendix B**). The objectives of the proposed vapor intrusion mitigation systems are to satisfy requirements of the Voluntary Cleanup Contract and to reduce occupant exposure to volatile compounds originating from subsurface contamination in the planned site buildings to acceptable risk levels.

8.2 Lead-Based Paint

No structures were present on the subject property, and therefore lead-based paint is not considered to be a concern.

8.3 Asbestos

No structures were present on the subject property, and therefore asbestos-containing materials are not considered to be a concern.

8.4 Radon

Radon is a colorless, odorless gas that is a decay product of uranium, a common constituent of soil and rock. Under certain natural conditions, radon gas can be found in soil gas in the

vadose zone which has the potential to enter buildings. When radon enters a building, occupants may be exposed to radon and its decay products through inhalation. Radon decay products release subatomic particle radiation which can cause mutations in lung tissue which can lead to lung cancer. The risk to occupants increases with the concentration of radon in the indoor air of a building. The US EPA recommends radon mitigation for buildings with radon concentrations at 4 picocuries per liter of air (pCi/L) or greater.

The US EPA developed a map of radon zones to assist with identifying areas with the potential for elevated indoor radon levels. The map was developed using data on indoor radon measurements, geology, aerial radioactivity, soil parameters, and foundation types. It should not be used to determine if individual homes need to be tested but provides guidance on areas with higher risk of radon exposure.

The US EPA radon zone map categorizes Richland County as radon Zone 3. Zone 3 has a predicted average indoor radon concentration less than 2 pCi/L. Federal Area Radon Information for Richland County based on 87 measurements indicated that 1% of measurements exceeded 4 pCi/L.

Hanley Environmental prepared a Vapor Intrusion Mitigation Plan dated January 22, 2024, which was subsequently approved by SC DHEC in a letter dated January 30, 2024. The Vapor Intrusion Mitigation Plan provided general specification and system requirements for vapor intrusion mitigation systems which were designed to reduce occupant exposure to volatile compounds originating from subsurface contamination in the planned site building to acceptable risk levels pursuant to a Voluntary Cleanup Contract with SC DHEC. The VIMP was developed in general accordance with *Soil Gas Control Systems in New Construction of Multifamily, School, Commercial and Mixed-Use Buildings (ANSI/AARST CC-1000-2018-0523)* which aligns with HUD requirements related to radon mitigation. A vapor intrusion barrier beneath the slab is intended to reduce upward migration of volatile contaminants, and a passive venting system will provide a pathway for venting of soil gas from below building floor slab to above the building roof, reducing the likelihood of soil gas containing hazardous

chemicals from entering the occupied building space. The vapor intrusion mitigation systems will initially operate as a passive system and will provide venting without the use of electric fans. If warranted based on performance monitoring data, the systems may be converted to active systems in the future with the addition of electric fans.

8.5 Historic Preservation

Hanley Environmental reviewed the US Department of Interior National Park Service National Register of Historic Places web-based map. No records of historic places were identified at the subject property, immediate vicinity, nor within an approximately one mile radius of the subject property.

Hanley Environmental reviewed SC ArchSite, the online Geographic Information System that combines archaeological site file information maintained by the SC Institute of Archaeology and Anthropology and above-ground historic and architectural properties information maintained by the SC Department of Archives and History. This tool can be used to assess whether a cultural resources survey has been performed and/or if cultural resources and/or historic properties are recorded within a specific area. No records of performance of a cultural resources survey, cultural resources, or historic properties were identified at the subject property or immediate vicinity. Records are included in **Appendix B**.

8.6 Floodplain Management and Flood Insurance

Hanley Environmental reviewed the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map for Richland County, South Carolina and Incorporated Areas, Panel 137 of 650, which included the subject property. The subject property was classified as Unshaded Zone X which is defined to include areas determined to be outside the 0.2% annual chance floodplain. The Flood Insurance Rate Map is included in **Appendix B**.

Based on the floodplain classification of the subject property, a requirement for flood insurance under the HUD MAP Guide is not anticipated.

8.7 Wetlands Protection

The HUD MAP Guide defines wetlands as those areas that are inundated by surface or groundwater with a frequency sufficient to support, and under normal circumstances does or would support, a prevalence of vegetative or aquatic life that requires saturated or seasonally saturated soil conditions for growth and reproduction. Wetlands generally include swamps, marshes, bogs, and similar areas such as sloughs, potholes, wet meadows, river overflows, mud flats, and natural ponds. This definition includes both wetlands subject to and those not subject to section 404 of the Clean Water Act (i.e. jurisdictional and non-jurisdictional wetlands). Development or disturbance of wetlands are prohibited unless there is no practicable alternative and the proposed action includes all practicable measures to minimize harm to the wetland.

The US Fish and Wildlife Service's National Wetlands Inventory (NWI) is used as a primary screening tool for wetland identification. Hanley Environmental reviewed the NWI Wetlands Mapper (**Appendix B**) which did not identify wetlands or other waterbodies on the subject property. USGS topographic maps reviewed also did not indicate the presence of wetlands at the subject property.

During site reconnaissance, which was performed during a rain event, standing water was observed in a drainage ditch near the southwestern portion of the subject property. The drainage ditch led off-property into a culvert extending to the west beneath Wilson Boulevard. During the October 2023 Phase I ESA site reconnaissance, flagging marked "Wetlands" was identified on the subject property near the drainage ditch. The scope or purpose of a possible wetland delineation associated with the flagging was unknown, and only one flag was observed.

The scope of the current assessment did not include a formal wetland and waterbody delineation (e.g., to identify Waters of the United States for the purpose of 401/404

permitting). A formal wetland and waterbody delineation would confirm the presence of the suspected wetlands at the subject property.

8.8 Noise Analysis

For proposed new construction in high noise areas, HUD requires incorporation of noise mitigation features. Consideration of noise applies to the acquisition of undeveloped land and existing development as well. Sites where environmental or community noise exposure exceeds the day-night average sound level (DNL) of 65 decibels (dB) are considered noise-impacted areas. For new construction that is proposed in high noise areas, grantees shall incorporate noise attenuation features.

The "Normally Unacceptable" noise zone includes community noise levels from above 65 decibels to 75 decibels. Approvals in this noise zone require a minimum of 5 dB additional sound attenuation for buildings having noise-sensitive uses if the day-night average sound level is greater than 65 dB but does not exceed 70 dB, or a minimum of 10 decibels of additional sound attenuation if the day-night average sound level is greater than 70 dB but does not exceed 75 dB.

Locations with day-night average noise levels above 75 dB have "Unacceptable" noise exposure. For new construction, noise attenuation measures in these locations require special approval. The acceptance of such locations normally requires an environmental impact statement. In "Unacceptable" noise zones, HUD strongly encourages conversion of noise-exposed sites to land uses compatible with the high noise levels.

Hanley Environmental used the HUD Exchange Day/Night Noise Level Calculator to calculate DNL from roadway and railway traffic (**Appendix B**). The following noise sources were input into the calculator:

- Wilson Boulevard was located approximately 158 feet from the nearest planned building based on a conceptual site plan provided by the prospective developer.

Traffic count data for this road was obtained from the SC Department of Transportation.

- Farrow Road was located approximately 521 feet from the nearest planned building based on a conceptual site plan provided by the prospective developer. Traffic count data for this road was obtained from the SC Department of Transportation.
- A Norfolk Southern railway was located approximately 619 feet northeast of the nearest planned building based on a conceptual site plan provided by the prospective developer. A US Department of Transportation Crossing Inventory Form was reviewed to obtain information on daily and nightly train traffic.

Fairfield County Airport, located approximately 12 miles northwest of the subject property, was a small municipal airport typically serving small aircraft. Based on the distance and type of airport, noise associated with this airport is not considered likely to have an impact on the subject property.

The combined DNL calculated was 63 dB which is considered acceptable by HUD (<65 dB).

8.9 Explosive/Flammable Hazards

Site reconnaissance and regulatory database and file review information did not identify explosive or flammable hazards that could create unacceptable risk to the subject property by proximity. The regulatory database review did not identify AST facilities within a one-mile radius of the subject property. Hanley Environmental reviewed the National Pipeline Mapping System Public Map Viewer (**Appendix B**) which did not identify gas transmission pipelines, hazardous liquid pipelines, liquefied natural gas (LNG) plants, breakout tanks, or other potential explosive/flammable hazards within a one-mile radius of the subject property.

8.10 Air Quality

The Clean Air Act is administered by the US EPA, which sets National Ambient Air Quality Standards (NAAQS). These are limits on certain "criteria" air pollutants, including limits on

how much of these pollutants can be in the air anywhere in the United States. Geographic areas that are in compliance with standards are called “attainment areas,” while areas that do not meet standards are called “nonattainment” areas.

Hanley Environmental reviewed information from the US EPA Green Book on Nonattainment Areas for Criteria Pollutants (**Appendix B**). Richland County was not classified as an attainment area or maintenance area for criteria pollutants.

8.11 Airport Hazards

Potential aircraft accident problems pose a hazard to property users. It is HUD’s policy to apply standards to prevent incompatible development around civil airports and military airfields. If a property is located near an airport or in the immediate area of the landing and approach zones, additional information is necessary to determine whether this issue is a concern and if so, how to mitigate it.

Review of aerial photographs, topographic maps, and observations during site reconnaissance did not identify a civilian airport within 2,500 feet or a military airport within 15,000 feet of the subject property. Based on this finding, the subject property has not been identified to be within specified distances that would be a concern for potential aircraft accident problems for HUD.

8.12 Coastal Barriers

The Coastal Barrier Resources Act (CBRA) of 1982 designated relatively undeveloped coastal barriers along the Atlantic and Gulf coasts as part of the John H. Chafee Coastal Barrier Resources System (CBRS) and made these areas ineligible for most new Federal expenditures and financial assistance.

Hanley Environmental reviewed the US FWS CBRS Mapper (**Appendix B**) which indicated that the subject property was not within a System Unit.

8.13 Coastal Zone Management

The Coastal Zone Management Program (CZMP) is authorized by the Coastal Zone Management Act (CZMA) of 1972 (16 U.S.C. 1451 et seq) and administered at the federal level by the Coastal Programs Division within the National Oceanic and Atmospheric Administration's Office of Ocean and Coastal Resource Management (NOAA-OCRM). Projects that can affect the coastal zone must be carried out in a manner consistent with the state coastal zone management program.

According to the NOAA-OCRM, the South Carolina Coastal Management Program was approved by NOAA in 1979, and the lead agency is SC DHEC. The primary authority for the coastal management program is the 1977 Coastal Tidelands and Wetlands Act. The South Carolina coastal zone includes all lands and waters in the counties of the state that contain any one or more "critical areas," which are defined as coastal waters, tidelands, beaches, and beach/dune system. Hanley Environmental reviewed South Carolina Coastal Management Program information and identified that Richland County is not located within a coastal zone.

8.14 Endangered Species

The Endangered Species Act (ESA) of 1973, as amended, and its implementing regulations were designed to protect and recover species in danger of extinction and the ecosystems that they depend upon. The ESA is jointly administered by the Secretaries of the Interior and Commerce. The U.S. Fish and Wildlife Service (FWS) is responsible for terrestrial and freshwater species and the National Marine Fisheries Service (NMFS) is responsible for marine species and anadromous fish, such as salmon. Collectively referred to as the Services, these offices are responsible for listing species under their authority as threatened or endangered as appropriate. An environmental review conducted pursuant to the HUD MAP Guide must consider potential impacts of the HUD-assisted project to endangered and threatened species and critical habitats. The review must evaluate potential impacts not only to any listed but also to any proposed endangered or threatened species and critical habitats.

An official species list for the subject property was obtained from the US FWS as part of this assessment (included in **Appendix B**). Hanley Environmental used the US FWS Information for Planning and Consultation (IPaC) online tool to identify endangered species potentially affected by activities at the subject property and verify that no additional species were listed beyond what was included in the previous report. The IPaC indicated that there are no critical habitats at the subject property. The following listed species or species that are candidates for listing were identified as potentially occurring in the region of the subject property.

- Tricolored Bat (*Perimyotis subflavus*) – Proposed Endangered
- Red-cockaded Woodpecker (*Picoides borealis*) – Endangered
- Monarch Butterfly (*Danaus plexippus*) – Candidate
- Canby's Dropwort (*Oxypolis canbyi*) – Endangered
- Rough-leaved Loostrife (*Lysimachia asperulaefolia*) – Endangered
- Smooth Coneflower (*Echinacea laevigata*) – Threatened

Previous Phase I ESAs reported that each of the listed species was not encountered during site reconnaissance activities. Additionally, each of these listed species was not encountered during Hanley Environmental's site reconnaissance as part of this assessment. Note that this Phase I ESA site reconnaissance did not entail a comprehensive survey for threatened or endangered species.

8.15 Farmlands Protection

The purpose of the Farmland Protection Policy Act is to minimize the effect of Federal programs on the unnecessary and irreversible conversion of farmland to nonagricultural uses. Land that meets the definition of prime or unique farmlands or is determined to be of statewide or local significance (with concurrence by the U.S. Secretary of Agriculture) is subject to the Act. In some states agricultural lands are protected from development by agricultural districting, zoning provisions, or special tax districts.

The site is not currently used for farmland. Hanley Environmental reviewed the 2010 Census Urbanized Area Reference Map: Columbia, South Carolina (**Appendix B**) which classified the subject property as Urbanized Area. Since the subject property consists of land already in or committed to urban development, the subject property is exempt from compliance with the Farmland Protection Policy Act (per 7 CFR 658.2).

8.16 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. Sole Source Aquifer designations are one tool to protect drinking water supplies in areas where alternatives to the groundwater resource are few, cost-prohibitive, or nonexistent. The designation protects an area's ground water resource by requiring US EPA review of any proposed projects within the designated area that are receiving federal financial assistance. All proposed projects receiving federal funds are subject to review to ensure they do not endanger the water source.

Hanley Environmental reviewed the US EPA regional Sole Source Aquifer map of the subject property area (**Appendix B**). The subject property was not identified as being located within a sole source aquifer area.

8.17 Wild and Scenic Rivers

The Wild and Scenic Rivers Act (16 U.S.C. 1271-1287) 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). NWSRS was created by Congress in 1968 (Public Law 90-542; 16 U.S.C. 1271 et seq., as amended) to preserve certain rivers with outstanding natural, cultural, and recreational values in a free-flowing condition for the enjoyment of present and future generations.

HUD-assisted activities are subject to the requirements of the Wild and Scenic Rivers Act (16 U.S.C. 1271 et seq.). The environmental review must evaluate the potential to impact any

listed Wild and Scenic River when the assisted project is within proximity to a listed natural resource.

Hanley Environmental Reviewed the NWSRS online list of designated rivers and list of wild and scenic river studies (**Appendix B**). No wild and scenic rivers or rivers under study were identified in the vicinity of the subject property.

8.18 Environmental Justice

Environmental justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, disability, or income, including tribal persons, with respect to both positive and negative environmental and health impacts of a project. Executive Order 12898, "Federal Actions to Address Environmental Justice in Minority Populations and Low-income Populations" (2/94) requires certain federal agencies, including HUD, to consider how federally assisted projects may have disproportionately high and adverse human health or environmental effects on minority and/or low-income populations.

The subject property has documented impacts to groundwater and soil gas that have likely migrated onto the property from off-site sources. The subject property is currently vacant and unused. Future development of the subject property may require appropriate engineering or institutional controls to prevent unacceptable risk to occupants from existing environmental contamination. With appropriate engineering or institutional controls to mitigate exposure to contamination, future redevelopment would not create an adverse and disproportionate environmental impact or aggravate an existing impact. Redevelopment with appropriate controls would allow for safe use of the subject property.

8.19 Additional Hazards and Nuisances

Based on observations during site reconnaissance and information reviewed as part of this assessment, natural hazards (e.g., faults/fractures, volcanoes, cliffs, bluffs, poisonous plants/insects/animals) were not identified at the subject property. Significant air pollution generators such as heavy industry, incinerators, or power-generating plants were not

identified at the subject property or adjoining properties. Man-made site hazards such as dumps/landfills, high-pressure gas or liquid petroleum transmission lines, and oil or gas wells were not identified. The scope of this assessment was limited, and assessment of possible hazards and nuisances was not exhaustive.

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Hanley Environmental, PLLC

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Year for All Criteria Pollutants. April 30, 2024.

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VAPOR SCREENING

Project Property:	<i>Storey Site 10424 Wilson Blvd Blythewood SC 29016</i>
Project No:	<i>PJ22040</i>
Report Type:	<i>Vapor Report with Database Details</i>
Order No:	<i>23051600431v</i>
Requested by:	<i>Hanley Environmental, PLLC</i>
Date Completed:	<i>May 30, 2023</i>

Environmental Risk Information Services

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Executive Summary

This Report was produced through the ERIS Vapor Screening Tool. The ERIS Vapor Screening Tool and this report output are designed to help those in conducting a Vapor Encroachment Screening on a Property Involved in Real Estate Transactions under the ASTM Standard Designation E2600 – 15.

The following table lists the data sources searched and any hits in the Area of Concern (AOC) that have been included in the report. The search distances listed are based on search distances used in the Database Report and the search results are grouped based on the minimum default search distances for Chemicals of Concern (COCs) and Petroleum Hydrocarbon Chemicals of Concern (PHCOCs) as outlined in E2600-15. The default AOC may be expanded or reduced by the environmental professional (adjusted AOC) using experience and professional judgment.

<u>Standard Environmental Sources</u>	<u>Search Distance (miles)*</u>	<u>Project Property</u>	<u>Within 1/10</u>	<u>1/10 plus</u>	<u>Total</u>
Federal NPL site list	1.0	0	0	0	0
Federal Delisted NPL site list	0.5	0	0	0	0
Federal CERCLIS list	1.0	0	0	0	0
Federal CERCLIS NFRAP site list	0.5	0	0	0	0
Federal RCRA CORRACTS facilities list	1.0	0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list	0.5	0	0	0	0
Federal RCRA generators list	0.25	0	0	0	0
Federal institutional control/engineering control registries	0.5	0	0	0	0
Federal ERNS list	PO	0	0	0	0
State and tribal equivalent NPL	1.0	0	0	0	0
State and tribal equivalent CERCLIS	1.0	0	0	0	0
State and tribal landfill and/or solid waste disposal site lists	0.5	0	0	0	0
State and tribal leaking storage tank lists	0.5	0	1	0	1
State and Tribal registered storage tank lists	0.25	0	2	0	2
State and tribal institutional control/engineering control registries	0.5	0	0	0	0
State and tribal voluntary cleanup sites	0.5	0	0	0	0
State and tribal Brownfield sites	0.5	0	0	0	0
Others	0.5	0	0	0	0

Non Standard Environmental Sources

Federal Spill sites list	0.125	0	0	0	0
Federal Drycleaner Facilities	0.5	0	0	0	0
State and Tribal Spill sites list	0.125	0	0	0	0
State and Tribal Dry Cleaner Facilities	0.25	0	0	0	0
Others	1.0	0	0	0	0
Federal PFAS sites list	0.5	0	0	0	0

* Please refer to the Appendix of this report to view specific databases searched within each category. Search distances within each category may vary by database - the largest search radius per category will be displayed.

Executive Summary: Report Summary

Project Property:	Storey Site 10424 Wilson Blvd Blythewood SC 29016	PO No:	PJ22040
		Order No:	23051600431v
Coordinates:	34.18358152, -80.96676887	Elevation:	450.45 ft

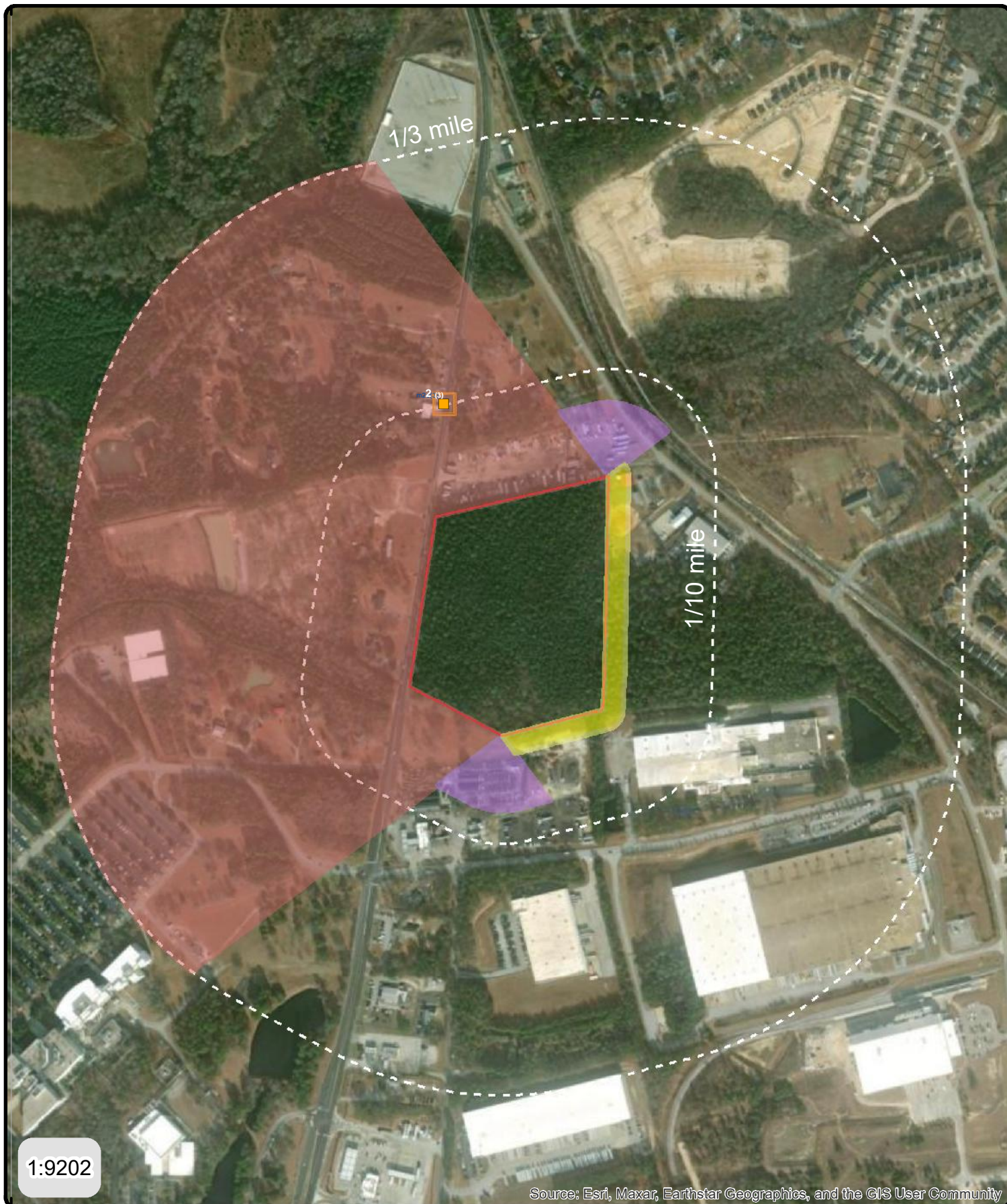
Project Property - Results

Map Key	DB	Company/Site Name	Address	Direction	Distance (m/ft)	Elev Diff (ft)	Page Number
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No records for the project property.

Surrounding Properties - Results

Map Key	DB	Company/Site Name	Address	Direction	Distance (m/ft)	Elev Diff (ft)	Page Number
2	LUST	MINI MART	10447 WILSON BLVD BLYTHEWOOD SC 29016 <i>Permit: P 10503</i>	NNW	160.92 / 527.97	.0	7
2	UST	MINI MART	10447 WILSON BLVD BLYTHEWOOD SC 29016 <i>Tank No / Status: 1 Abandoned, 4 Abandoned, 5 Abandoned, 6 Currently in Use, 3 Abandoned, 2 Abandoned, 8 Extended Out-of-Use, 7 Currently in Use</i>	NNW	160.92 / 527.97	.0	7
2	UST	SPIVEYS SERVICE STATION	10447 WILSON BLVD BLYTHEWOOD SC 29016	NNW	160.92 / 527.97	.0	7



Address: 10424 Wilson Blvd,Blythewood,SC

Order No: 23051600431v

- | | | |
|-------------------------------|-----------------|-------------------|
| ▼ Sites with Lower Elevation | Up-gradient | Leaking Tank site |
| ■ Sites with Same Elevation | Down-gradient | |
| ▲ Sites with Higher Elevation | Cross-gradients | |

80°58'30"W

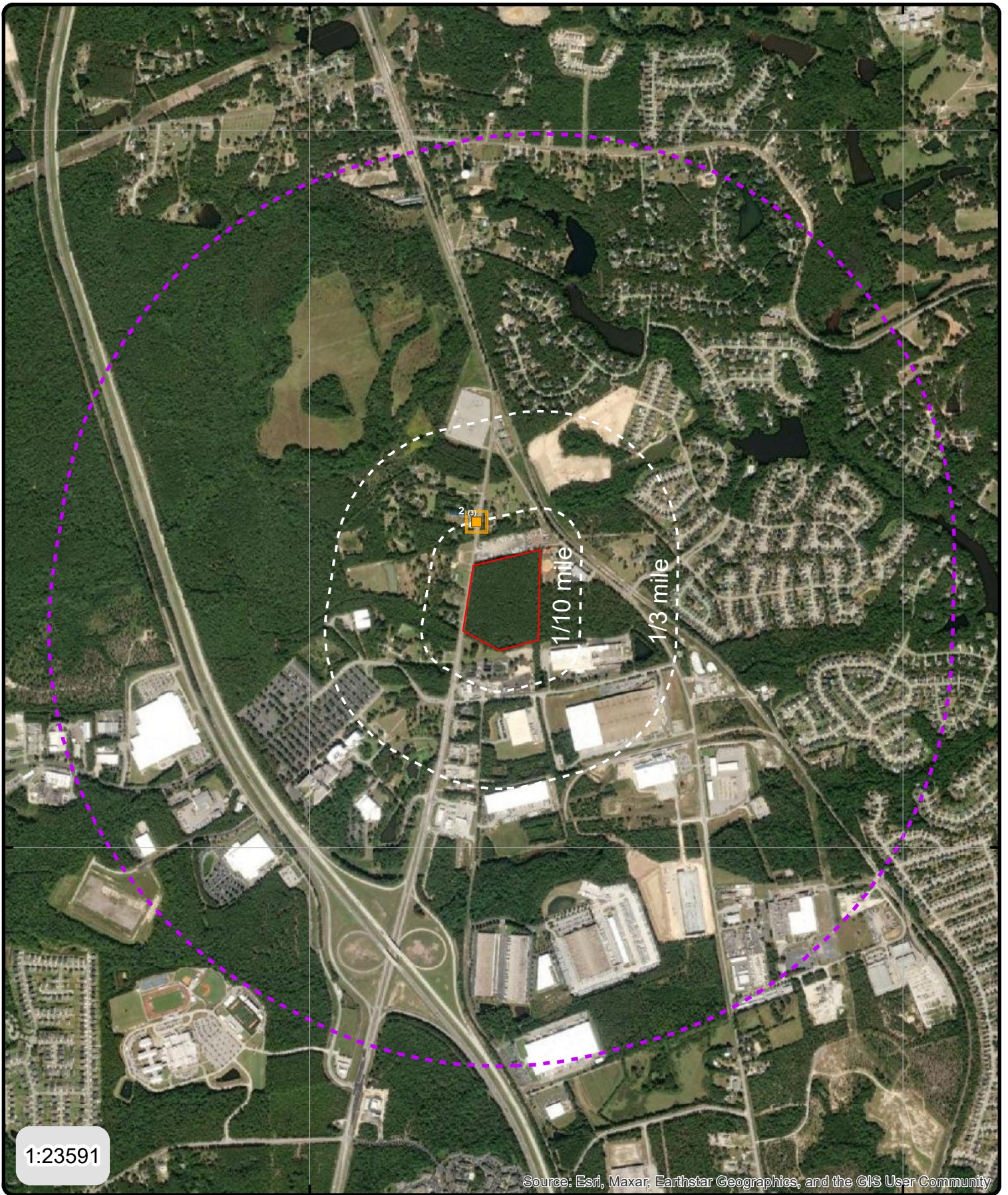
80°57'W

34°12'N

34°12'N

34°10'30"N

34°10'30"N



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

Address: 10424 Wilson Blvd, Blythewood, SC

Order No: 23051600431v

▼ Sites with Lower Elevation □ Leaking Tank site

■ Sites with Same Elevation

▲ Sites with Higher Elevation

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Detail Report

Map Key	Company/Site Name	Address	Distance (m/ft)	Elev Diff (ft)
2	MINI MART SPIVEYS SERVICE STATION	10447 WILSON BLVD	49.05 / 160.92	0.0

ASTM Category: State and tribal leaking storage tank lists
State and Tribal registered storage tank lists

Vapor Encroachment Details

Impact on Target Property:

Conditions:

Groundwater Flow Gradient:

Flow is based on the following:

Preferential Pathway:

Geological Attributes - Hydraulic Barrier:

Geological Attributes - Physical Barrier:

Geological Attributes - Soil Geology:

Comments:

LUST	MINI MART	10447 WILSON BLVD BLYTHEWOOD 29016	State and tribal leaking storage tank lists
Site ID:	010503	Site No (EFIS):	UST-10503
Permit:	P 10503	Facility Name (EFIS):	STOP N SHOP
Category:	Retail Sales	Fac Address (EFIS):	10447 WILSON BLVD
Number of Tanks:	8	Facility City (EFIS):	BLYTHEWOOD
Billable:	3	Facility State (EFIS):	SC
Abandoned:	5	Facility Zip (EFIS):	29016
Other:	0	Facility (Web):	MINI MART
Last Inspection:	7/6/2022	Address (Web):	10447 WILSON BLVD
Facility:	MINI MART	City (Web):	BLYTHEWOOD
Facility Street:	10447 WILSON BLVD	Zip Code (Web):	29016
Facility City:	BLYTHEWOOD	County (Web):	RICHLAND
Facility State :	SC	Phone (Web):	
Facility Zip:	29016	Tank Owner Phone:	803-403-6362
County Code:	40	Land Owner Phone:	803-403-6362
Fac County:	Richland	Operator Phone:	803-403-6362
Business Address:	10447 WILSON BLVD BLYTHEWOOD SC 29016		
Tank Owner Business Addr:	AMT PROPERTIES LLC 1415 BEECHFERN CIR ELGIN SC 29045		
Land Owner Business Addr:	AMT PROPERTIES LLC 1415 BEECHFERN CIR ELGIN SC 29045		
Operator Business Addr:	AMT PROPERTIES LLC 1415 BEECHFERN CIR		

Facility Link: ELGIN SC 29045
https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/10503
Data Source: DHEC Online Registry - Releases (Web); DHEC Confirmed Release Report (LUST); DHEC LUST Data (EFIS)

DHEC Online Registry - Release Report

Release No: 1
Project Manager: WYKEL, JAMES M
Reported: 1/10/1992
Confirmed: 7/8/1996
RBCA/ Score: 2BB - Watersupply wells < 1000 feet downgrade / 120
Product:
Compliance Req: False
NFA:
Fin Type: DHEC SUPERB
Fin Res Mechanism:
Abatement Met: 3/5/1992
Cleanup Initiated: 4/22/1999
Cleanup Complete:
Cleanup MCL:
Compliance Date:
Compliance Met: True
Emergency Resp:
Responsible Party: SPIVEY, AUBREY
Superb Determ Date:
Superb Qualified:
Transferred:
Source: UST

DHEC Confirmed Release Report

Release No:	1	Confirmed:	07/08/96
NFA:		Tank Owner:	AMT PROPERTIES LLC
Product:	PETRO	Status Desc:	Active Corrective Action
Proj Mgr:	WYKELJM	Score:	120
Reported:	01/10/92	Rank:	2BB 4
Rank Desc:	Watersupply wells < 1000 feet downgrade		

DHEC EFIS Data Details

Release No: 1
Release Date: 1/10/1992
Project Mgr: DS
Confirmed Date: 7/8/1996
Cleanup Comp Date:
Cleanup Comp Mcl Dt:
Rp Name: AUBREY SPIVEY
Rp Address: 449 TURKEY FARM RD
Rp City: BLYTHEWOOD
Rp State: SC
Rp Zip: 29016-9124
Sstl Estab Code: CASE

Scrbca Class Code: CLASS1D
Depth to GW: 18
GW Flow Dir Code: NW
Receptor Type Code: KUHN, KIMBERLY M
Rel Fin Type Cd: DEPT
CoC Concentrate Cd:

UST	MINI MART	10447 WILSON BLVD BLYTHEWOOD 29016	State and Tribal registered storage tank lists
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Site ID:	010503	Facility ID (Prohib):	10503
Permit:	P 10503	Fac Name (Prohib):	Mini Mart
Category:	Retail Sales	Fac Addr (Prohib):	10447 Wilson Blvd
Number of Tanks:	8	Fac City (Prohib):	Blythewood
Billable:	3	Facility Name (Web):	MINI MART
Abandoned:	5	Facility Addr (Web):	10447 WILSON BLVD
Other:	0	Facility City (Web):	BLYTHEWOOD
Last Inspection:	7/6/2022	Zip Code (Web):	29016
Facility Name:	MINI MART	County (Web):	RICHLAND
Facility Address:	10447 WILSON BLV	Phone (Web):	
Facility Zip:	29572	Tank Owner Phone:	803-403-6362
Facility Phone:		Land Owner Phone:	803-403-6362
Facility State:	SC	Operator Phone:	803-403-6362
Facility City:	BLYTHEWOOD	Facility Contact:	
County Code:	40		
Business Address:	10447 WILSON BLVD BLYTHEWOOD SC 29016		
Tank Owner Business Address:	AMT PROPERTIES LLC 1415 BEECHFERN CIR ELGIN SC 29045		
Land Owner Business Address:	AMT PROPERTIES LLC 1415 BEECHFERN CIR ELGIN SC 29045		
Operator Business Address:	AMT PROPERTIES LLC 1415 BEECHFERN CIR ELGIN SC 29045		
Facility Link:	https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/10503		
Source:	DHEC Management Tracking UST 'C' List; DHEC Underground Storage Tank Registry (Web); DHEC Delivery Prohibition List (Prohib)		

Tank Information - UST Registry Search

Tank No: 1
Case No:
Class: N
Status: Abandoned
Notify:
Capacity: 2000
Variance:
Product: Kerosene
Overfill Type:
Verified:
Constr Date:
Operat Date:
Piping Type:

Compliance:
Comp Status:
Age at Notification:
Dist to Well (ft):
Spill Prevention:
Left Gal:
Owner at ABD: SPIVEY, AUBREY
Last Use:
Aband: 7/14/1987
Method: Removed
Chem:
Under Dispenser Cont: False
Drop Tube: False
Tank Const:
Pipe Const:
Tank Protect:
Tank Tested:
Pipe Protect:
Pipe Tested:
Tank Cont Meth: Single wall
Pipe Cont Meth: Single wall
Tank Leak Det:
Pipe Leak Det:

Tank No: 4
Case No:
Class: N
Status: Abandoned
Notify:
Capacity: 4000
Variance:
Product: Gasoline
Overfill Type:
Verified:
Constr Date:
Operat Date:
Piping Type:
Compliance:

Comp Status:
Age at Notification:
Dist to Well (ft):
Spill Prevention:
Left Gal:
Owner at ABD: SPIVEY, AUBREY
Last Use:
Aband: 7/14/1987
Method: Removed
Chem:
Under Dispenser Cont: False
Drop Tube: False
Tank Const:
Pipe Const:
Tank Protect:
Tank Tested:

Pipe Protect:
Pipe Tested:
Tank Cont Meth: Single wall
Pipe Cont Meth: Single wall
Tank Leak Det:
Pipe Leak Det:

Tank No: 5
Case No:
Class: N
Status: Abandoned
Notify:
Capacity: 4000
Variance:
Product: Gasoline
Overfill Type:
Verified:
Constr Date:
Operat Date:
Piping Type:
Compliance:
Comp Status:
Age at Notification:
Dist to Well (ft):
Spill Prevention:
Left Gal:
Owner at ABD: SPIVEY, AUBREY
Last Use:
Aband: 7/14/1987
Method: Removed
Chem:
Under Dispenser Cont: False
Drop Tube: False
Tank Const:
Pipe Const:
Tank Protect:
Tank Tested:
Pipe Protect:
Pipe Tested:
Tank Cont Meth: Single wall
Pipe Cont Meth: Single wall
Tank Leak Det:
Pipe Leak Det:

Tank No: 6
Case No:
Class: P
Status: Currently in Use
Notify: 5/4/1987
Capacity: 4000
Variance: 6/22/1987
Product: Gasoline RUL
Overfill Type: Drop Tube Shut-off
Verified: 7/28/2021

Constr Date:	6/22/1987
Operat Date:	7/13/1988
Piping Type:	Pressure
Compliance:	7/6/2022
Comp Status:	In Compliance with FR
Age at Notification:	0
Dist to Well (ft):	150
Spill Prevention:	2/20/1997
Left Gal:	
Owner at ABD:	
Last Use:	
Aband:	
Method:	
Chem:	
Under Dispenser Cont:	True
Drop Tube:	True
Tank Const:	STi-P3
Pipe Const:	Fiberglass reinforced plastic
Tank Protect:	Sacrificial Anode
Tank Tested:	3/1/2019
Pipe Protect:	Fiberglass
Pipe Tested:	
Tank Cont Meth:	Single wall
Pipe Cont Meth:	Single wall
Tank Leak Det:	Automatic tank gauge
Pipe Leak Det:	8/2/2021 Mechanical Line Leak Detector 8/2/2021 Line Tightness Test 8/2/2021
Tank No:	3
Case No:	
Class:	N
Status:	Abandoned
Notify:	
Capacity:	4000
Variance:	
Product:	Diesel fuel
Overfill Type:	
Verified:	
Constr Date:	
Operat Date:	
Piping Type:	
Compliance:	
Comp Status:	
Age at Notification:	
Dist to Well (ft):	
Spill Prevention:	
Left Gal:	
Owner at ABD:	SPIVEY, AUBREY
Last Use:	
Aband:	7/14/1987
Method:	Removed
Chem:	

Under Dispenser Cont:	False
Drop Tube:	False
Tank Const:	
Pipe Const:	
Tank Protect:	
Tank Tested:	
Pipe Protect:	
Pipe Tested:	
Tank Cont Meth:	Single wall
Pipe Cont Meth:	Single wall
Tank Leak Det:	
Pipe Leak Det:	
Tank No:	2
Case No:	
Class:	N
Status:	Abandoned
Notify:	
Capacity:	2000
Variance:	
Product:	Diesel fuel
Overfill Type:	
Verified:	
Constr Date:	
Operat Date:	
Piping Type:	
Compliance:	
Comp Status:	
Age at Notification:	
Dist to Well (ft):	
Spill Prevention:	
Left Gal:	
Owner at ABD:	SPIVEY, AUBREY
Last Use:	
Aband:	7/14/1987
Method:	Removed
Chem:	
Under Dispenser Cont:	False
Drop Tube:	False
Tank Const:	
Pipe Const:	
Tank Protect:	
Tank Tested:	
Pipe Protect:	
Pipe Tested:	
Tank Cont Meth:	Single wall
Pipe Cont Meth:	Single wall
Tank Leak Det:	
Pipe Leak Det:	
Tank No:	8
Case No:	
Class:	P
Status:	Extended Out-of-Use

Notify:	5/4/1987
Capacity:	4000
Variance:	6/22/1987
Product:	Gasoline RUL
Overfill Type:	Drop Tube Shut-off
Verified:	11/18/1998
Constr Date:	6/22/1987
Operat Date:	7/13/1988
Piping Type:	Pressure
Compliance:	7/6/2022
Comp Status:	In Compliance with FR
Age at Notification:	0
Dist to Well (ft):	150
Spill Prevention:	2/20/1997
Left Gal:	
Owner at ABD:	
Last Use:	
Aband:	
Method:	
Chem:	
Under Dispenser Cont:	True
Drop Tube:	True
Tank Const:	STi-P3
Pipe Const:	Fiberglass reinforced plastic
Tank Protect:	Sacrificial Anode
Tank Tested:	3/1/2019
Pipe Protect:	Fiberglass
Pipe Tested:	
Tank Cont Meth:	Single wall
Pipe Cont Meth:	Single wall
Tank Leak Det:	Automatic tank gauge
	2/21/2019
Pipe Leak Det:	
Tank No:	7
Case No:	
Class:	P
Status:	Currently in Use
Notify:	5/4/1987
Capacity:	4000
Variance:	6/22/1987
Product:	Gasoline Super/Prem
Overfill Type:	Drop Tube Shut-off
Verified:	7/28/2021
Constr Date:	6/22/1987
Operat Date:	7/13/1988
Piping Type:	Pressure
Compliance:	7/6/2022
Comp Status:	In Compliance with FR
Age at Notification:	0
Dist to Well (ft):	150
Spill Prevention:	2/20/1997
Left Gal:	
Owner at ABD:	

Last Use:
Aband:
Method:
Chem:
Under Dispenser Cont: True
Drop Tube: True
Tank Const: STi-P3
Pipe Const: Fiberglass reinforced plastic
Tank Protect: Sacrificial Anode
Tank Tested: 3/1/2019
Pipe Protect: Fiberglass
Pipe Tested:
Tank Cont Meth: Single wall
Pipe Cont Meth: Single wall
Tank Leak Det: Automatic tank gauge
8/2/2021
Pipe Leak Det: Mechanical Line Leak Detector
8/2/2021
Line Tightness Test
8/2/2021

Tank Information - UST 'C' List

Tank No: 5
Tank Owner: AMT PROPERTIES LLC
Tank Owner Contact: ED STOVER
Tank Owner Addr: 1415 BEECHFERN
Tank Owner City: ELGIN
Tank Owner State: SC
Tank Owner Zip: 29045
Tank Owner Phone: 803-403-6362
Capacity Gal: 4000
Age at Notif. Years:
Status Code: ABD
Status Code Desc: Abandoned
Substance Code: GN

Tank No: 8
Tank Owner: AMT PROPERTIES LLC
Tank Owner Contact: ED STOVER
Tank Owner Addr: 1415 BEECHFERN
Tank Owner City: ELGIN
Tank Owner State: SC
Tank Owner Zip: 29045
Tank Owner Phone: 803-403-6362
Capacity Gal: 4000
Age at Notif. Years: 0
Status Code: EOU
Status Code Desc: Extended Out of Use
Substance Code: RUL

Tank No: 1
Tank Owner: AMT PROPERTIES LLC
Tank Owner Contact: ED STOVER

Tank Owner Addr: 1415 BEECHFERN
Tank Owner City: ELGIN
Tank Owner State: SC
Tank Owner Zip: 29045
Tank Owner Phone: 803-403-6362
Capacity Gal: 2000
Age at Notif. Years:
Status Code: ABD
Status Code Desc: Abandoned
Substance Code: KN

Tank No: 2
Tank Owner: AMT PROPERTIES LLC
Tank Owner Contact: ED STOVER
Tank Owner Addr: 1415 BEECHFERN
Tank Owner City: ELGIN
Tank Owner State: SC
Tank Owner Zip: 29045
Tank Owner Phone: 803-403-6362
Capacity Gal: 2000
Age at Notif. Years:
Status Code: ABD
Status Code Desc: Abandoned
Substance Code: DL

Tank No: 3
Tank Owner: AMT PROPERTIES LLC
Tank Owner Contact: ED STOVER
Tank Owner Addr: 1415 BEECHFERN
Tank Owner City: ELGIN
Tank Owner State: SC
Tank Owner Zip: 29045
Tank Owner Phone: 803-403-6362
Capacity Gal: 4000
Age at Notif. Years:
Status Code: ABD
Status Code Desc: Abandoned
Substance Code: DL

Tank No: 6
Tank Owner: AMT PROPERTIES LLC
Tank Owner Contact: ED STOVER
Tank Owner Addr: 1415 BEECHFERN
Tank Owner City: ELGIN
Tank Owner State: SC
Tank Owner Zip: 29045
Tank Owner Phone: 803-403-6362
Capacity Gal: 4000
Age at Notif. Years: 0
Status Code: CIU
Status Code Desc: Currently in Use
Substance Code: RUL

Tank No: 7

Tank Owner: AMT PROPERTIES LLC
Tank Owner Contact: ED STOVER
Tank Owner Addr: 1415 BEECHFERN
Tank Owner City: ELGIN
Tank Owner State: SC
Tank Owner Zip: 29045
Tank Owner Phone: 803-403-6362
Capacity Gal: 4000
Age at Notif. Years: 0
Status Code: CIU
Status Code Desc: Currently in Use
Substance Code: PREM

Tank No: 4
Tank Owner: AMT PROPERTIES LLC
Tank Owner Contact: ED STOVER
Tank Owner Addr: 1415 BEECHFERN
Tank Owner City: ELGIN
Tank Owner State: SC
Tank Owner Zip: 29045
Tank Owner Phone: 803-403-6362
Capacity Gal: 4000
Age at Notif. Years:
Status Code: ABD
Status Code Desc: Abandoned
Substance Code: GN

Tank Information - Financial Responsibility

Financial Mechanism: Self Insurance 280.101
Expiration Date: 5/1/2023

DHEC Delivery Prohibition List

Facility Owner: Amt Properties LLC
Facility Product: Compliance
Facility Tank Size: All tanks/All Products
Facility Phone: 803-403-6362

UST	SPIVEYS SERVICE STATION	10447 WILSON BLVD BLYTHEWOOD 29016	State and Tribal registered storage tank lists
Site ID:	007861	Facility ID (Prohib):	
Permit:	N 07861	Fac Name (Prohib):	
Category:	Retail Sales	Fac Addr (Prohib):	
Number of Tanks:	0	Fac City (Prohib):	
Billable:	0	Facility Name (Web):	SPIVEYS SERVICE STATION
Abandoned:	0	Facility Addr (Web):	10447 WILSON BLVD
Other:	0	Facility City (Web):	BLYTHEWOOD
Last Inspection:		Zip Code (Web):	29016
Facility Name:		County (Web):	RICHLAND
Facility Address:		Phone (Web):	

Facility Zip:		Tank Owner Phone:	
Facility Phone:		Land Owner Phone:	
Facility State:		Operator Phone:	
Facility City:		Facility Contact:	
County Code:	40		
Business Address:	10447 WILSON BLVD BLYTHEWOOD SC 29016 SPIVEY, AUBREY 449 TURKEY FARM RD BLYTHEWOOD SC 29016-9124		
Tank Owner Business Address:			
Land Owner Business Address:			
Operator Business Address:			
Facility Link:	https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/07861		
Source:	DHEC Underground Storage Tank Registry (Web)		

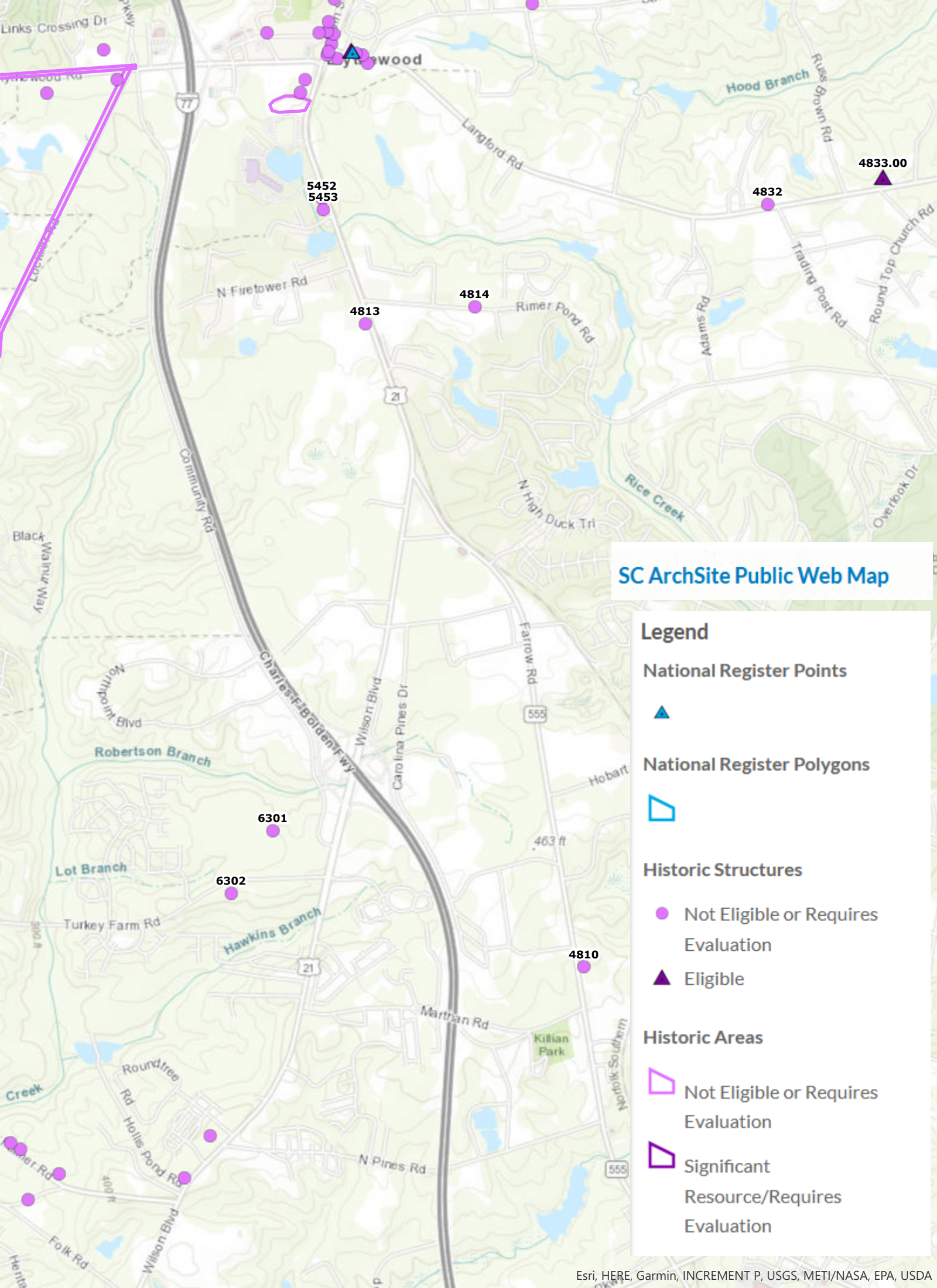
Appendix: Database Descriptions

The following are data source listings found in the attached report. For full descriptions, please refer to the associated ERIS Database Report.

<i>DB</i>	<i>Database Name</i>	<i>Publication Date</i>	<i>Source</i>	<i>Classification</i>	<i>ASTM Category</i>
LUST	Leaking Underground Storage Tank List	Jan 4, 2023	State	Standard	State and tribal leaking storage tank lists
UST	Underground Storage Tank List	Jan 4, 2023	State	Standard	State and Tribal registered storage tank lists

National Park Service
U.S. Department of the Interior

This topographic map displays the area around Blythewood, South Carolina. The map features a network of roads, including Wilson Blvd, Charles F. Bolden Fwy (Interstate 77), and several local roads like Sandfield Rd, Langford Rd, and Rimer Pond Rd. Key landmarks include Blythewood Park, Cobblestone Park Golf Club, and the Columbia Country Club. The map also shows various creeks and branches, such as Hood Branch, Robertson Branch, Hawkins Branch, and Crane Creek. A scale bar indicates a distance of 5000 feet. The map is sourced from Esri Topo data.



SC ArchSite Public Web Map

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



PFO1B

PUBHh



PUBHx




1:7,866

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

U.S. Fish and Wildlife Service, National Standards and Support Team,
wetlands_team@fws.gov

 Estuarine and Marine Deepwater
 Estuarine and Marine Wetland

 Freshwater Emergent Wetland
 Freshwater Forested/Shrub Wetland
 Freshwater Pond

 Lake
 Other
 Riverine

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

DNL Calculator

The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic. For more information on using the DNL calculator, view the [Day/Night Noise Level Calculator Electronic Assessment Tool Overview \(/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/\)](#).

Guidelines

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

DNL Calculator

Site ID

Record Date05/20/2024

User's NameNick Hotzelt

Road # 1 Name:Wilson Boulevard

Road #1

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input checked="" type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	158	158	158
Distance to Stop Sign			
Average Speed	45	45	45
Average Daily Trips (ADT)	15000	533	77
Night Fraction of ADT	15	15	15
Road Gradient (%)			0
Vehicle DNL	60	56	54
Calculate Road #1 DNL	62	Reset	

Road # 2 Name:Farrow Road

Road #2

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input checked="" type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	521	521	521
Distance to Stop Sign			

Distance to Stop Sign			
Average Speed	45	45	45
Average Daily Trips (ADT)	13900	391	125
Night Fraction of ADT	15	15	15
Road Gradient (%)			0
Vehicle DNL	52	47	49
Calculate Road #2 DNL	55	Reset	

Railroad #1 Track Identifier:	NS Railway - Crossing Inventory No. 715908X
-------------------------------	---

Rail # 1

Train Type	Electric <input type="checkbox"/>	Diesel <input checked="" type="checkbox"/>
Effective Distance		619
Average Train Speed		50
Engines per Train		2
Railway cars per Train		50
Average Train Operations (ATO)		2
Night Fraction of ATO		15
Railway whistles or horns?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Bolted Tracks?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Train DNL	0	53
Calculate Rail #1 DNL	53	Reset

[Add Road Source](#) [Add Rail Source](#)

Airport Noise Level	<input type="text" value="0"/>
Loud Impulse Sounds?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Combined DNL for all Road and Rail sources	<input type="text" value="63"/>
Combined DNL including Airport	<input type="text" value="N/A"/>
Site DNL with Loud Impulse Sound	<input type="text"/>

Mitigation Options

If your site DNL is in Excess of 65 decibels, your options are:

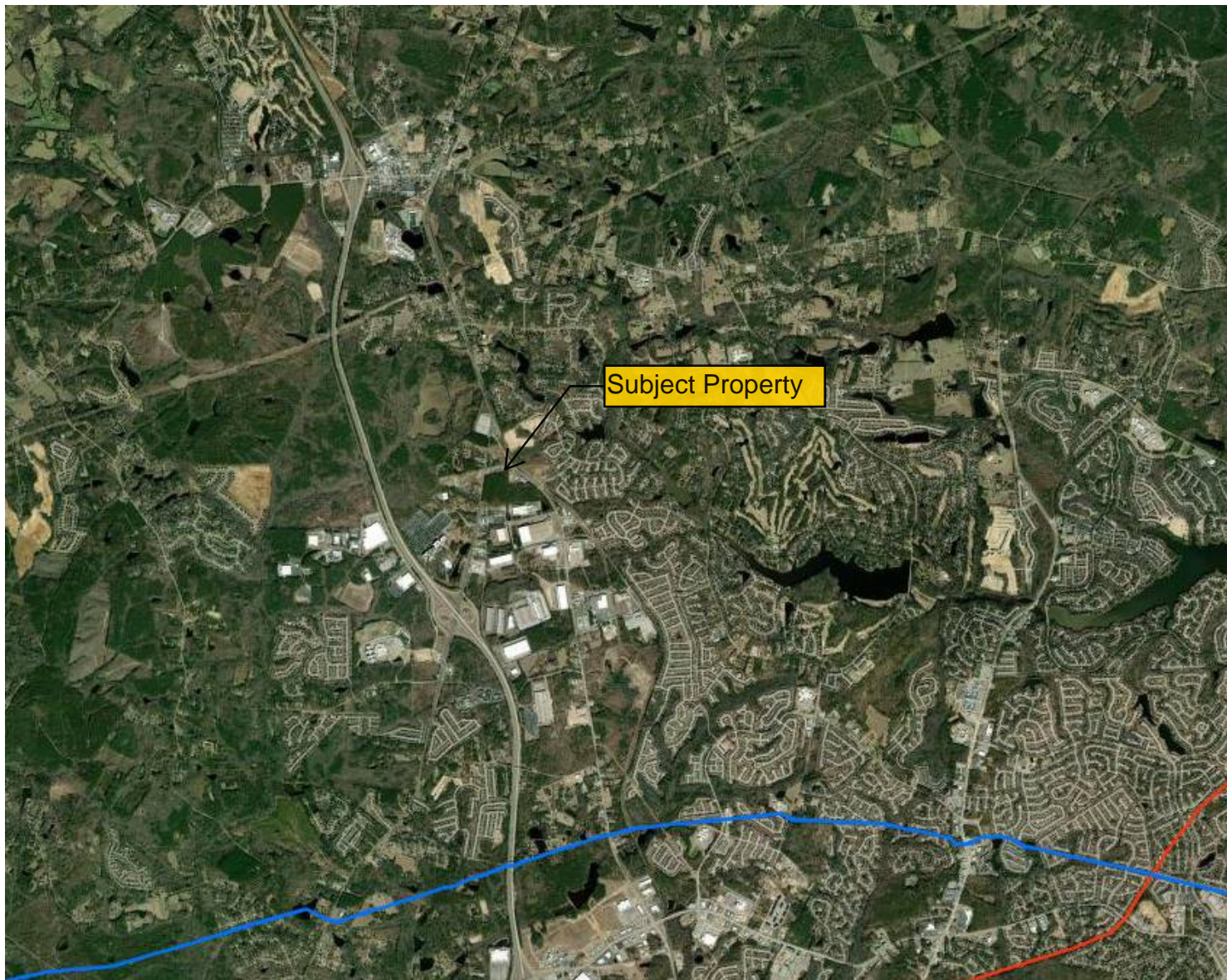
- **No Action Alternative:** Cancel the project at this location
- **Other Reasonable Alternatives:** Choose an alternate site
- **Mitigation**
 - Contact your Field or Regional Environmental Officer (</programs/environmental-review/hud-environmental-staff-contacts/>)
 - Increase mitigation in the building walls (only effective if no outdoor, noise sensitive areas)
 - Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses
 - Incorporate natural or man-made barriers. See *The Noise Guidebook* (</resource/313/hud-noise-guidebook/>)
 - Construct noise barrier. See the **Barrier Performance Module** (</programs/environmental-review/bpm-calculator/>)

Tools and Guidance

[Day/Night Noise Level Assessment Tool User Guide \(/resource/3822/day-night-noise-level-assessment-tool-user-guide/\)](/resource/3822/day-night-noise-level-assessment-tool-user-guide/)

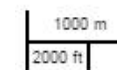
[Day/Night Noise Level Assessment Tool Flowcharts \(/resource/3823/day-night-noise-level-assessment-tool-flowcharts/\)](/resource/3823/day-night-noise-level-assessment-tool-flowcharts/)

NATIONAL PIPELINE MAPPING SYSTEM



Legend

- Accidents (Liquid)
- Incidents (Gas)
- Gas Transmission Pipelines
- Hazardous Liquid Pipelines
- LNG Plants
- Breakout Tanks



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

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Date Printed: May 15, 2024





South Carolina Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

Data is current as of April 30, 2024

Listed by County, NAAQS, Area. 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 1997 Primary Annual PM-2.5 NAAQS (level of 15 µg/m³) is revoked in attainment and maintenance areas for that NAAQS. For additional information see the PM-2.5 NAAQS SIP Requirements Final Rule, effective October 24, 2016. (81 FR 58009)

Change the State:

SOUTH CAROLINA

▼

GO

Important Notes

Download National Dataset: dbf | xls | Data dictionary (PDF)

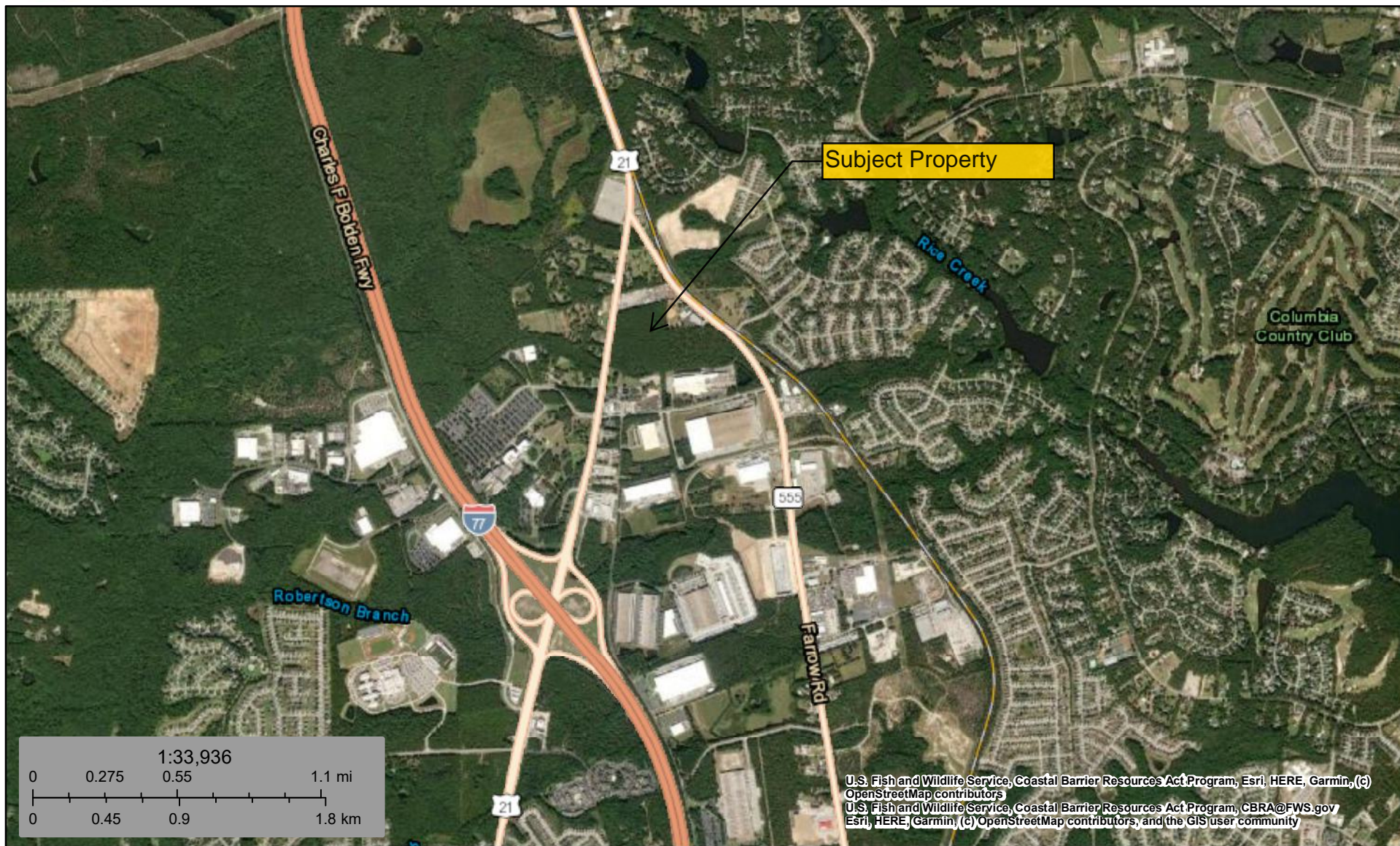
County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/Part County	Population (2010)	State/County FIPS Codes
SOUTH CAROLINA								
Cherokee County	1-Hour Ozone (1979)-NAAQS revoked	Cherokee County, SC	92	02/16/1993	Marginal	Whole	55,342	45/021
York County	8-Hour Ozone (1997)-NAAQS revoked	Charlotte-Gastonia-Rock Hill, NC-SC	0405060708091011	12/26/2012	Moderate	Part	178,913	45/091
York County	8-Hour Ozone (2008)	Charlotte-Rock Hill, NC-SC	12131415	01/11/2016	Marginal	Part	177,819	45/091

Important Notes




U.S. Fish and Wildlife Service Coastal Barrier Resources System

CBRS Map



May 30, 2023

 CBRS Buffer Zone  System Unit

CBRS Units

 Otherwise Protected Area

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

This page was produced by the CBRS Mapper



United States Department of the Interior

FISH AND WILDLIFE SERVICE

South Carolina Ecological Services
176 Croghan Spur Road, Suite 200
Charleston, SC 29407-7558
Phone: (843) 727-4707 Fax: (843) 727-4218



In Reply Refer To:
Project Code: 2024-0091253
Project Name: 10424 Wilson Blvd

05/15/2024 20:50:17 UTC

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological

evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts, see <https://www.fws.gov/program/migratory-bird-permit/what-we-do>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see <https://www.fws.gov/library/collections/threats-birds>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/partner/council-conservation-migratory-birds>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Bald & Golden Eagles
- Migratory Birds
- Wetlands

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

South Carolina Ecological Services
176 Croghan Spur Road, Suite 200
Charleston, SC 29407-7558
(843) 727-4707

PROJECT SUMMARY

Project Code: 2024-0091253

Project Name: 10424 Wilson Blvd

Project Type: Residential Construction

Project Description: The subject property encompasses approximately 22.8 acres of vacant, wooded land at 10424 Wilson Boulevard, Richland County, South Carolina 29016.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@34.18356555,-80.96689649699604,14z>



Counties: Richland County, South Carolina

ENDANGERED SPECIES ACT SPECIES

There is a total of 6 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [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.

MAMMALS

NAME	STATUS
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515	Proposed Endangered

BIRDS

NAME	STATUS
Red-cockaded Woodpecker <i>Picoides borealis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7614	Endangered

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

FLOWERING PLANTS

NAME	STATUS
Canby's Dropwort <i>Oxypolis canbyi</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7738	Endangered
Rough-leaved Loosestrife <i>Lysimachia asperulaefolia</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2747	Endangered
Smooth Coneflower <i>Echinacea laevigata</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/3473	Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

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 OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

BALD & GOLDEN EAGLES

Bald and golden eagles are protected under the Bald and Golden Eagle Protection Act¹ and the Migratory Bird Treaty Act².

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats³, 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 [Bald and Golden Eagle Protection Act](#) of 1940.
 2. The [Migratory Birds Treaty Act](#) of 1918.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

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.

NAME	BREEDING SEASON
Bald Eagle <i>Haliaeetus leucocephalus</i> 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. https://ecos.fws.gov/ecp/species/1626	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 (■)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

Breeding Season (■)

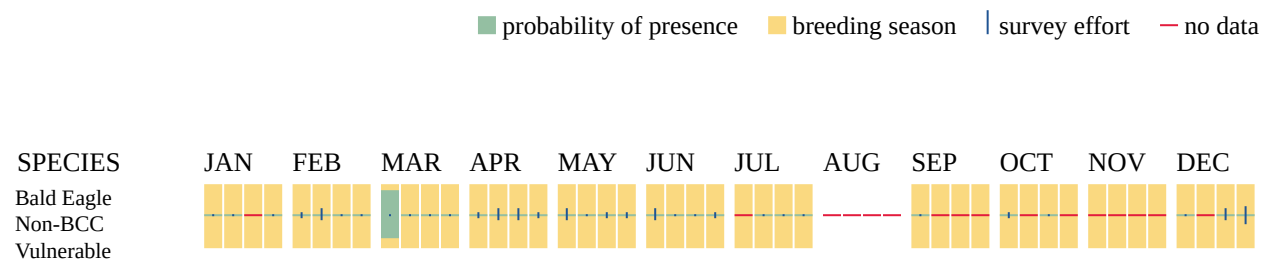
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

Survey Effort (|)

Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data (—)

A week is marked as having no data if there were no survey events for that week.



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-incident-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>

MIGRATORY BIRDS

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats³ 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.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

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.

NAME	BREEDING SEASON
Bald Eagle <i>Haliaeetus leucocephalus</i> 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. https://ecos.fws.gov/ecp/species/1626	Breeds Sep 1 to Jul 31
Chimney Swift <i>Chaetura pelagica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9406	Breeds Mar 15 to Aug 25
Chuck-will's-widow <i>Antrostomus carolinensis</i> 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/9604	Breeds May 10 to Jul 10
Eastern Whip-poor-will <i>Antrostomus vociferus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/10678	Breeds May 1 to Aug 20
Prairie Warbler <i>Setophaga discolor</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9513	Breeds May 1 to Jul 31
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9398	Breeds May 10 to Sep 10

NAME	BREEDING SEASON
<div>Rusty Blackbird <i>Euphagus carolinus</i></div> <div>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/9478</div>	Breeds elsewhere
<div>Wood Thrush <i>Hylocichla mustelina</i></div> <div>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9431</div>	Breeds May 10 to Aug 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 (■)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

Breeding Season (■)

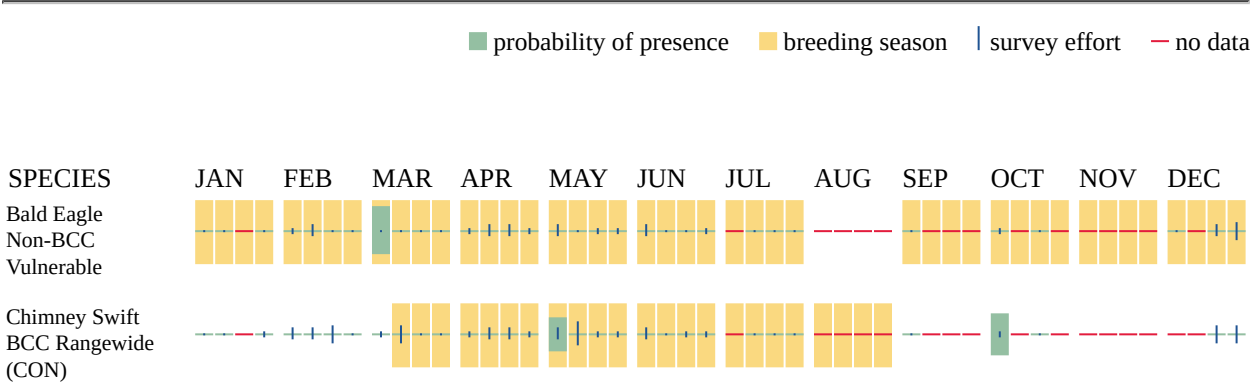
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

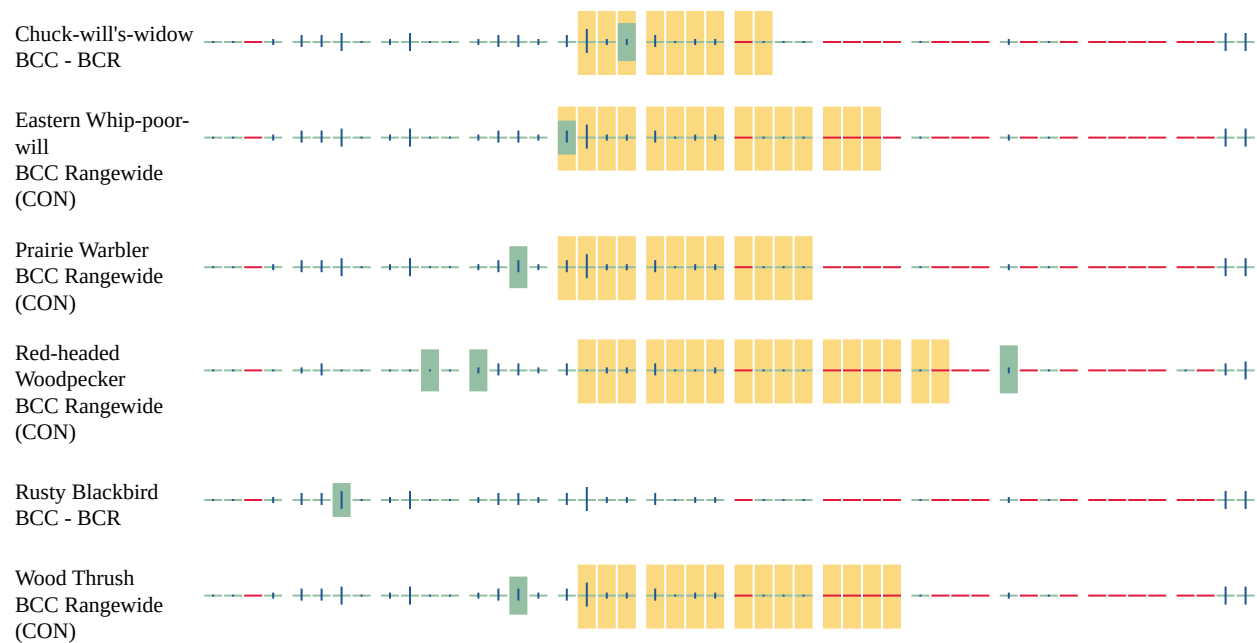
Survey Effort (|)

Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data (—)

A week is marked as having no data if there were no survey events for that week.





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>

WETLANDS

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](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

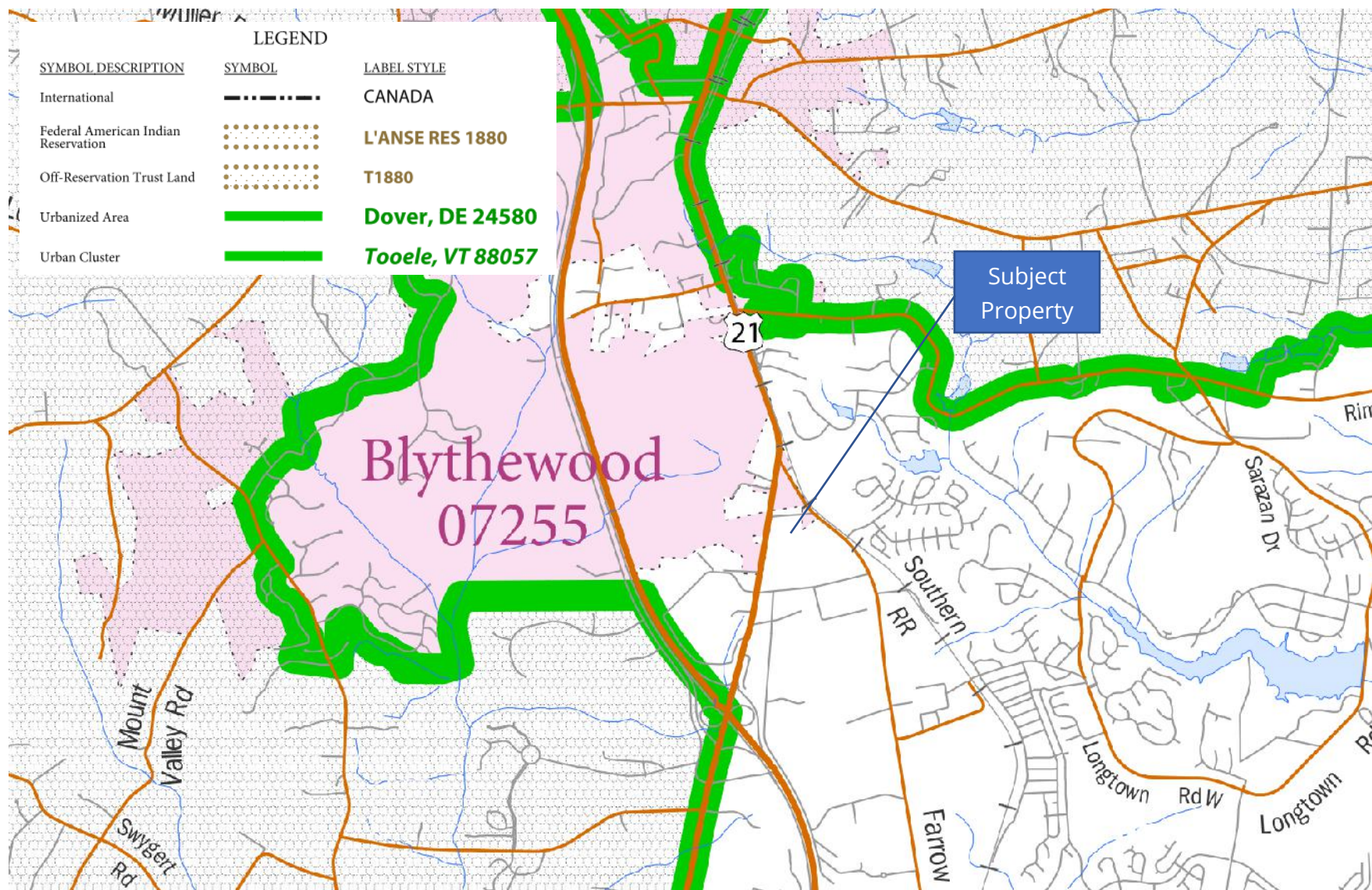
THERE ARE NO WETLANDS WITHIN YOUR PROJECT AREA.

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Nick Hotzelt
Address: 323 Manning Drive
City: Charlotte
State: NC
Zip: 28209
Email: nick.hotzelt@hanleyenvironmental.com
Phone: 7043176086

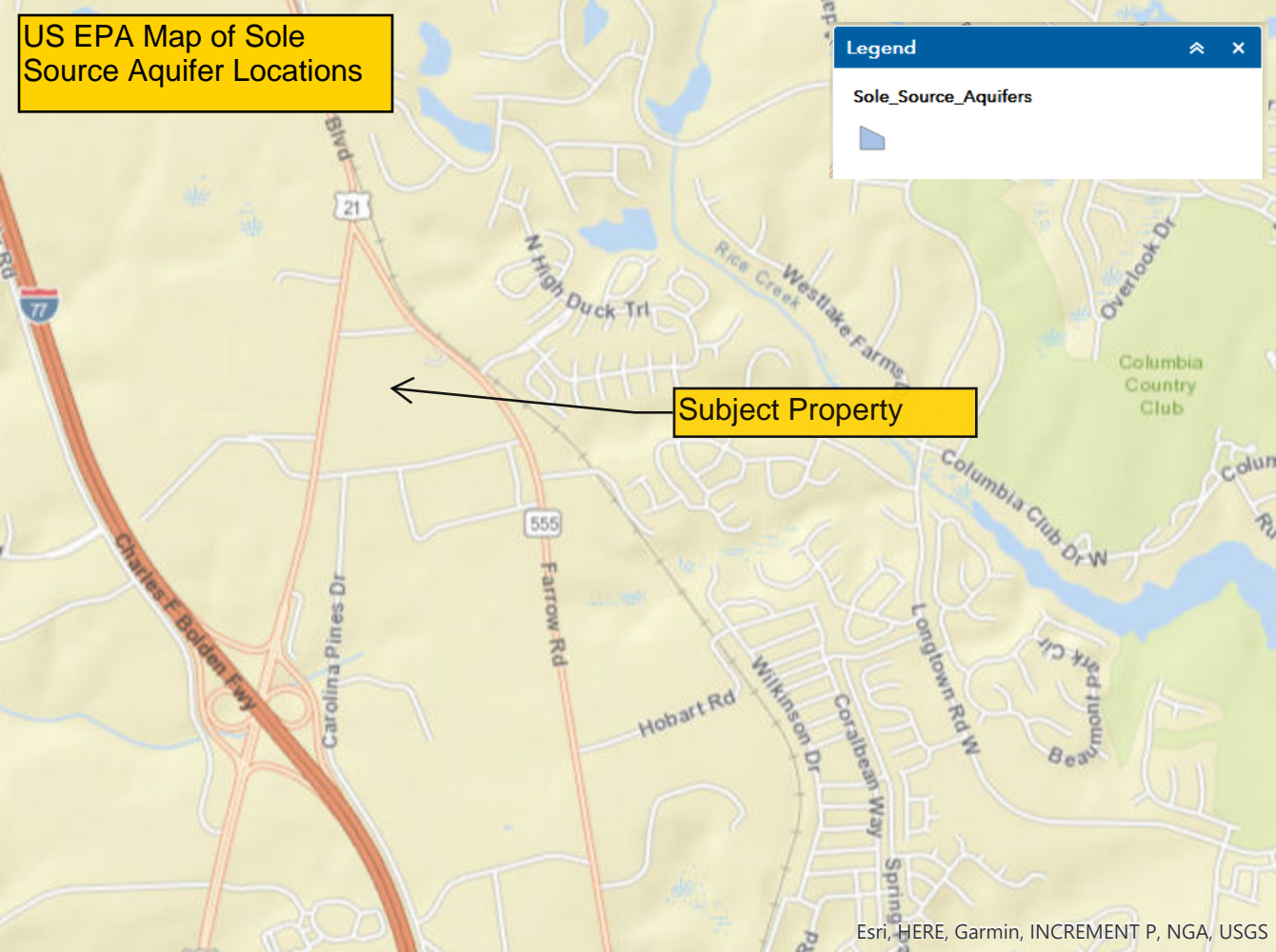
LEAD AGENCY CONTACT INFORMATION

Lead Agency: Department of Housing and Urban Development



Excerpt from 2010 Census Urbanized Area Reference Map: Columbia, SC

US EPA Map of Sole Source Aquifer Locations



SOUTH CAROLINA

South Carolina has approximately 29,898 miles of river, of which 41.9 miles are designated as wild & scenic—a bit more than 1/10th of 1% of the state's river miles.



[+ View larger map](#)

Chattooga River

National Wild and Scenic Rivers System Map

<https://www.rivers.gov/south-carolina.php>

APPENDIX C

Regulatory Database Report



DATABASE REPORT

Project Property:	<i>Blythewood 10424 Wilson Boulevard Blythewood SC</i>
Project No:	<i>PJ22040</i>
Report Type:	<i>Database Report</i>
Order No:	<i>25042101182</i>
Requested by:	<i>Hanley Environmental, PLLC</i>
Date Completed:	<i>April 23, 2025</i>

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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Executive Summary

Property Information:

Project Property: *Blythewood
10424 Wilson Boulevard Blythewood SC*

Project No: *PJ22040*

Coordinates:

Latitude:	<i>34.18358481</i>
Longitude:	<i>-80.96677193</i>
UTM Northing:	<i>3,782,512.30</i>
UTM Easting:	<i>503,061.92</i>
UTM Zone:	<i>UTM Zone 17S</i>

Elevation: *450 FT*

Order Information:

Order No: *25042101182*

Date Requested: *April 21, 2025*

Requested by: *Hanley Environmental, PLLC*

Report Type: *Database Report*

Historicals/Products:

Aerial Photographs	<i>Historical Aerials (with Project Boundaries)</i>
City Directory Search	<i>CD - 2 Street Search</i>
ERIS Xplorer	<i>ERIS Xplorer</i>
Excel Add-On	<i>Excel Add-On</i>
Fire Insurance Maps	<i>US Fire Insurance Maps</i>
Physical Setting Report (PSR)	<i>Physical Setting Report (PSR)</i>
Topographic Map	<i>Topographic Maps</i>

Executive Summary: Report Summary

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

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

State

REMEDATION	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
SASPL	Y	0.5	0	0	0	0	-	0
DELISTED SHWS	Y	1	0	0	0	0	0	0
LUST	Y	0.5	0	2	0	4	-	6
LAST	Y	0.5	0	0	0	0	-	0
DELISTED LST	Y	0.5	0	0	0	2	-	2
UST	Y	0.25	0	3	1	-	-	4
AST	Y	0.25	0	0	0	-	-	0
AST SFM	Y	0.25	0	0	0	-	-	0
DELISTED TANKS	Y	0.25	0	0	0	-	-	0
RCR	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0

Tribal

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

County

No County standard environmental record sources available for this State.

Additional Environmental Records

Federal

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

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
PFAS ERNS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	0	1	1	-	2
HMIRS	Y	0.125	0	1	-	-	-	1
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	1	-	-	-	1
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FUDS MRS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0

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

State

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

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Total:	0	9	3	7	0	19
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* PO – Property Only

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

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	RCRA VSQG	OWENS CORNING NON-WOVEN-BLYTHEWOOD LLC	1051 JENKINS BROTHERS RD BLYTHEWOOD SC 29016	SE	0.10 / 502.36	2	19
Handler ID Recycler Activity?: SCD987566437 NO							
1	HMIRS		1051 JENKINS BROTHERS RD BLYTHEWOOD SC	SE	0.10 / 502.36	2	108
1	TSCA	CASCO IMPREG-BLYTHEWOOD	1051 JENKINS BROTHERS ROAD BLYTHEWOOD SC 29016	SE	0.10 / 502.36	2	109
1	AIR PERMIT	OWENS CORNING NON-WOVEN LLC - BLYTHEWOOD	1051 Jenkins Brothers Road BLYTHEWOOD SC 29016 SC	SE	0.10 / 502.36	2	110
2	UST	SHARPE SHOPPE IV	10400 WILSON BLVD BLYTHEWOOD SC 29016	SSW	0.11 / 584.78	-1	110
Site No: 17740 Tank No Status: 1 Currently in Use, 2 Currently in Use, 3 Currently in Use							
2	LUST	SHARPE SHOPPE IV	10400 WILSON BLVD BLYTHEWOOD SC 29016	SSW	0.11 / 584.78	-1	113
Permit: P 17740 NFA: 1/29/2009							
3	LUST	MINI MART	10447 WILSON BLVD BLYTHEWOOD SC 29016	NW	0.12 / 612.82	0	114
Permit: P 10503							
3	UST	MINI MART	10447 WILSON BLVD BLYTHEWOOD SC 29016	NW	0.12 / 612.82	0	115
Site No: 10503 Tank No Status: 8 Abandoned, 1 Abandoned, 4 Abandoned, 2 Abandoned, 5 Abandoned, 3 Abandoned, 6 Abandoned, 7 Abandoned							
3	UST	SPIVEYS SERVICE STATION	10447 WILSON BLVD BLYTHEWOOD SC 29016	NW	0.12 / 612.82	0	120
4	UST	BORDEN DECORATIVE PRODUCTS	1 JENKINS BROTHER RD BLYTHEWOOD SC 29016-9802	SSW	0.17 / 873.67	-3	120
5	PFAS IND	OWENS CORNING NON-WOVEN LLC - BLYTHEWOOD	BLYTHEWOOD SC	ESE	0.19 / 1,012.81	0	121

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
6	RCRA SQG	PATTERSON LOGISTICS SERVICES INC	925 CAROLINA PINES BLVD STE A BLYTHEWOOD SC 29061 <i>Handler ID / Recycler Activity?:</i> SCR000780346 NO	SSW	0.23 / 1,197.88	-8	121
7	LUST	PITT STOP 3	10328 WILSON BLVD BLYTHEWOOD SC 29016-9007 <i>Permit:</i> P 10822 <i>NFA:</i> 6/25/2009, 9/30/2021	SSW	0.32 / 1,714.82	-12	128
8	DELISTED LST	BORDEN DECORATIVE PRODUCTS	1 JENKINS BROTHER RD BLYTHEWOOD SC	ESE	0.33 / 1,743.16	-2	130
9	LUST	SC DEPT OF PUBLIC SAFETY	10311 WILSON BLVD BLYTHEWOOD SC 29016 <i>Permit:</i> P 18958 <i>NFA:</i> 3/5/2019	SSW	0.34 / 1,806.49	-13	130
10	PFAS IND	LINDE GAS	BLYTHEWOOD SC	ESE	0.38 / 2,008.93	-4	131
11	DELISTED LST	LINDE GAS (FORMERLY HOLOX)	10800 FARROW RD BLYTHWOOD PLNT BLYTHEWOOD SC	ESE	0.43 / 2,275.77	-5	132
12	LUST	COMPUTER SCIENCES CORP	10301 WILSON BLVD BLYTHEWOOD SC 29016 <i>Permit:</i> R 10162 <i>NFA:</i> 10/6/1993, 5/11/2023	SW	0.48 / 2,544.90	0	132
13	LUST	AFFILIATED COMPUTER SERVICES	10309 WILSON BLVD BLYTHEWOOD SC 29016 <i>Permit:</i> R 19236 <i>NFA:</i> 9/29/2008	SW	0.50 / 2,624.85	-15	134

Executive Summary: Summary by Data Source

Standard

Federal

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Jan 6, 2025 has found that there are 1 RCRA SQG site(s) within approximately 0.25miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PATTERSON LOGISTICS SERVICES INC	925 CAROLINA PINES BLVD STE A BLYTHEWOOD SC 29061	SSW	0.23 / 1,197.88	6
<i>Handler ID / Recycler Activity?: SCR000780346 NO</i>				

RCRA VSQG - RCRA Very Small Quantity Generators List

A search of the RCRA VSQG database, dated Jan 6, 2025 has found that there are 1 RCRA VSQG site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
OWENS CORNING NON-WOVEN-BLYTHEWOOD LLC	1051 JENKINS BROTHERS RD BLYTHEWOOD SC 29016	SE	0.10 / 502.36	1
<i>Handler ID / Recycler Activity?: SCD987566437 NO</i>				

State

LUST - Leaking Underground Storage Tank List

A search of the LUST database, dated Jan 22, 2025 has found that there are 6 LUST site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
MINI MART	10447 WILSON BLVD BLYTHEWOOD SC 29016	NW	0.12 / 612.82	3
<i>Permit: P 10503</i>				
COMPUTER SCIENCES CORP	10301 WILSON BLVD BLYTHEWOOD SC 29016	SW	0.48 / 2,544.90	12
<i>Permit: R 10162</i>				
<i>NFA: 10/6/1993, 5/11/2023</i>				
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
SHARPE SHOPPE IV	10400 WILSON BLVD BLYTHEWOOD SC 29016	SSW	0.11 / 584.78	2
<i>Permit: P 17740</i>				
<i>NFA: 1/29/2009</i>				
PITT STOP 3	10328 WILSON BLVD BLYTHEWOOD SC 29016-9007	SSW	0.32 / 1,714.82	7

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
SC DEPT OF PUBLIC SAFETY	<i>Permit: P 10822</i> <i>NFA: 6/25/2009, 9/30/2021</i>	SSW	0.34 / 1,806.49	<u>9</u>
	10311 WILSON BLVD BLYTHEWOOD SC 29016			
AFFILIATED COMPUTER SERVICES	<i>Permit: P 18958</i> <i>NFA: 3/5/2019</i>	SW	0.50 / 2,624.85	<u>13</u>
	10309 WILSON BLVD BLYTHEWOOD SC 29016			
	<i>Permit: R 19236</i> <i>NFA: 9/29/2008</i>			

DELISTED LST - Delisted Leaking Storage Tanks

A search of the DELISTED LST database, dated Jan 22, 2025 has found that there are 2 DELISTED LST site(s) within approximately 0.50miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BORDEN DECORATIVE PRODUCTS	1 JENKINS BROTHER RD BLYTHEWOOD SC	ESE	0.33 / 1,743.16	<u>8</u>
LINDE GAS (FORMERLY HOLOX)	10800 FARROW RD BLYTHWOOD PLNT BLYTHEWOOD SC	ESE	0.43 / 2,275.77	<u>11</u>

UST - Underground Storage Tank List

A search of the UST database, dated Jan 22, 2025 has found that there are 4 UST site(s) within approximately 0.25miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
SPIVEYS SERVICE STATION	10447 WILSON BLVD BLYTHEWOOD SC 29016	NW	0.12 / 612.82	<u>3</u>
MINI MART	10447 WILSON BLVD BLYTHEWOOD SC 29016	NW	0.12 / 612.82	<u>3</u>
	<i>Site No: 10503</i> <i>Tank No Status: 8 Abandoned, 1 Abandoned, 4 Abandoned, 2 Abandoned, 5 Abandoned, 3 Abandoned, 6 Abandoned, 7 Abandoned</i>			
SHARPE SHOPPE IV	10400 WILSON BLVD BLYTHEWOOD SC 29016	SSW	0.11 / 584.78	<u>2</u>
	<i>Site No: 17740</i> <i>Tank No Status: 1 Currently in Use, 2 Currently in Use, 3 Currently in Use</i>			
BORDEN DECORATIVE PRODUCTS	1 JENKINS BROTHER RD BLYTHEWOOD SC 29016-9802	SSW	0.17 / 873.67	<u>4</u>

Non Standard

Federal

PFAS IND - PFAS Industry Sectors

A search of the PFAS IND database, dated Mar 24, 2025 has found that there are 2 PFAS IND site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
OWENS CORNING NON-WOVEN LLC - BLYTHEWOOD	BLYTHEWOOD SC	ESE	0.19 / 1,012.81	5

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
LINDE GAS	BLYTHEWOOD SC	ESE	0.38 / 2,008.93	10

HMIRS - Hazardous Materials Information Reporting System

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	1051 JENKINS BROTHERS RD BLYTHEWOOD SC	SE	0.10 / 502.36	1

TSCA - Toxic Substances Control Act

A search of the TSCA database, dated May 12, 2022 has found that there are 1 TSCA site(s) within approximately 0.12miles of the project property.

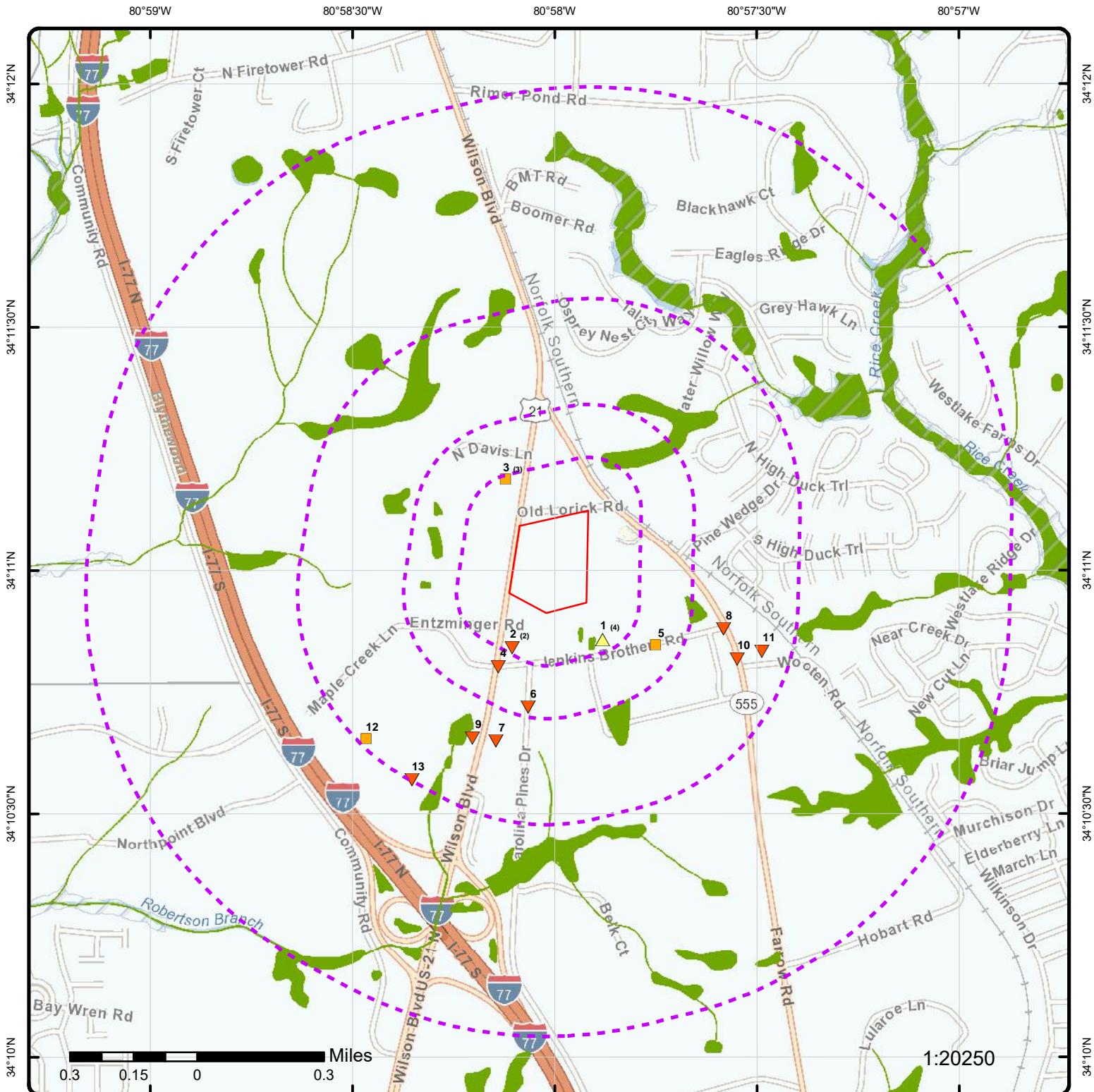
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
CASCO IMPREG- BLYTHEWOOD	1051 JENKINS BROTHERS ROAD BLYTHEWOOD SC 29016	SE	0.10 / 502.36	1

State

AIR PERMIT - Air Permitted Facilities

A search of the AIR PERMIT database, dated Sep 13, 2024 has found that there are 1 AIR PERMIT site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
OWENS CORNING NON-WOVEN LLC - BLYTHEWOOD	1051 Jenkins Brothers Road BLYTHEWOOD SC 29016 SC	SE	0.10 / 502.36	1



Map: 1.0 Mile Radius

Order Number: 25042101182

Address: 10424 Wilson Boulevard, Blythewood, SC



Project Property

Buffer Outline

▲ Sites with Higher Elevation

■ Sites with Same Elevation

▼ Sites with Lower Elevation

○ Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

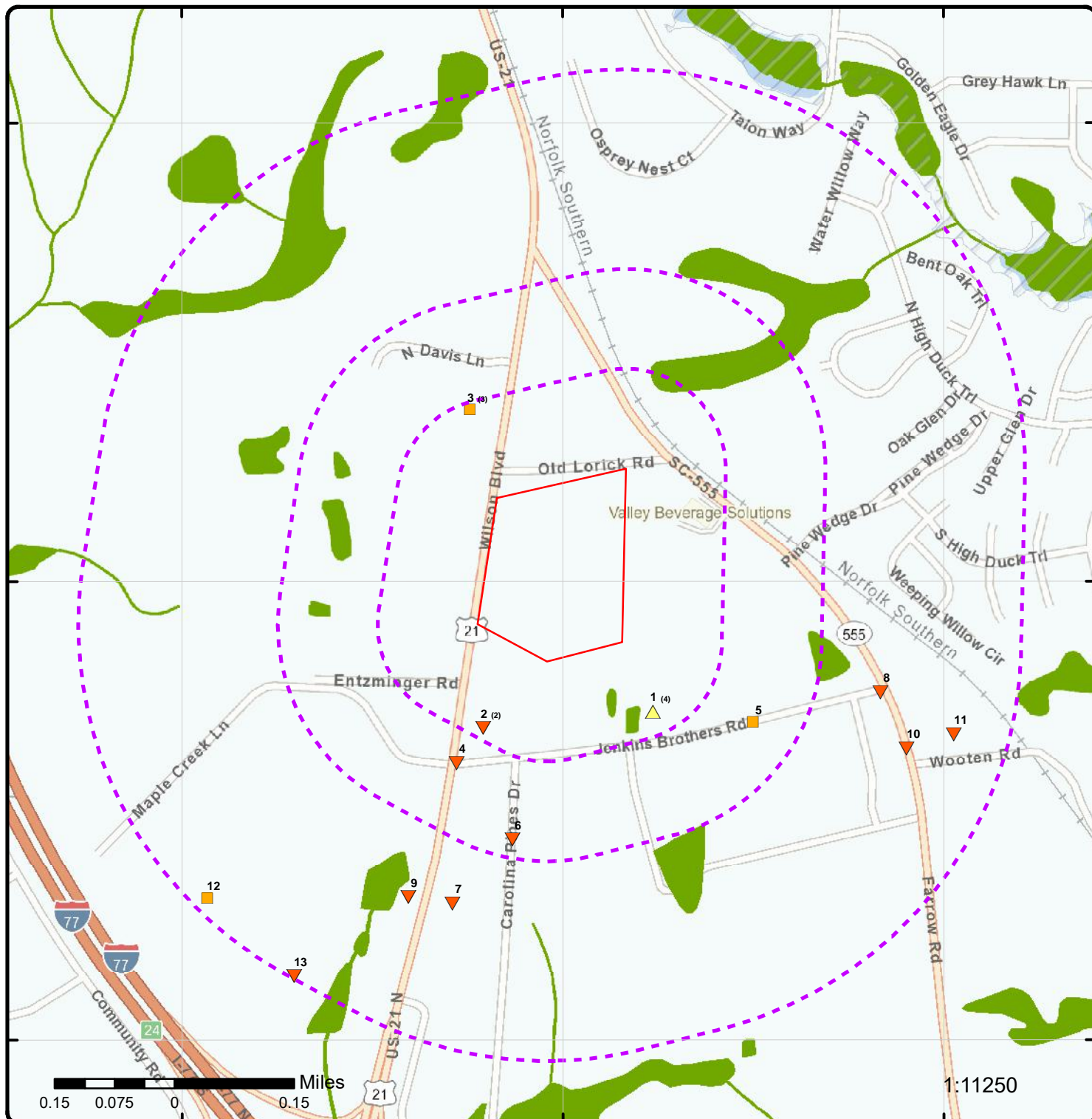
Indian Reserve Land

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

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



Map: 0.5 Mile Radius

Order Number: 25042101182

Address: 10424 Wilson Boulevard, Blythewood, SC



Project Property

Buffer Outline

▲ Sites with Higher Elevation

■ Sites with Same Elevation

▼ Sites with Lower Elevation

○ Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

Indian Reserve Land

100 Year Flood Zone

500 Year Flood Zone

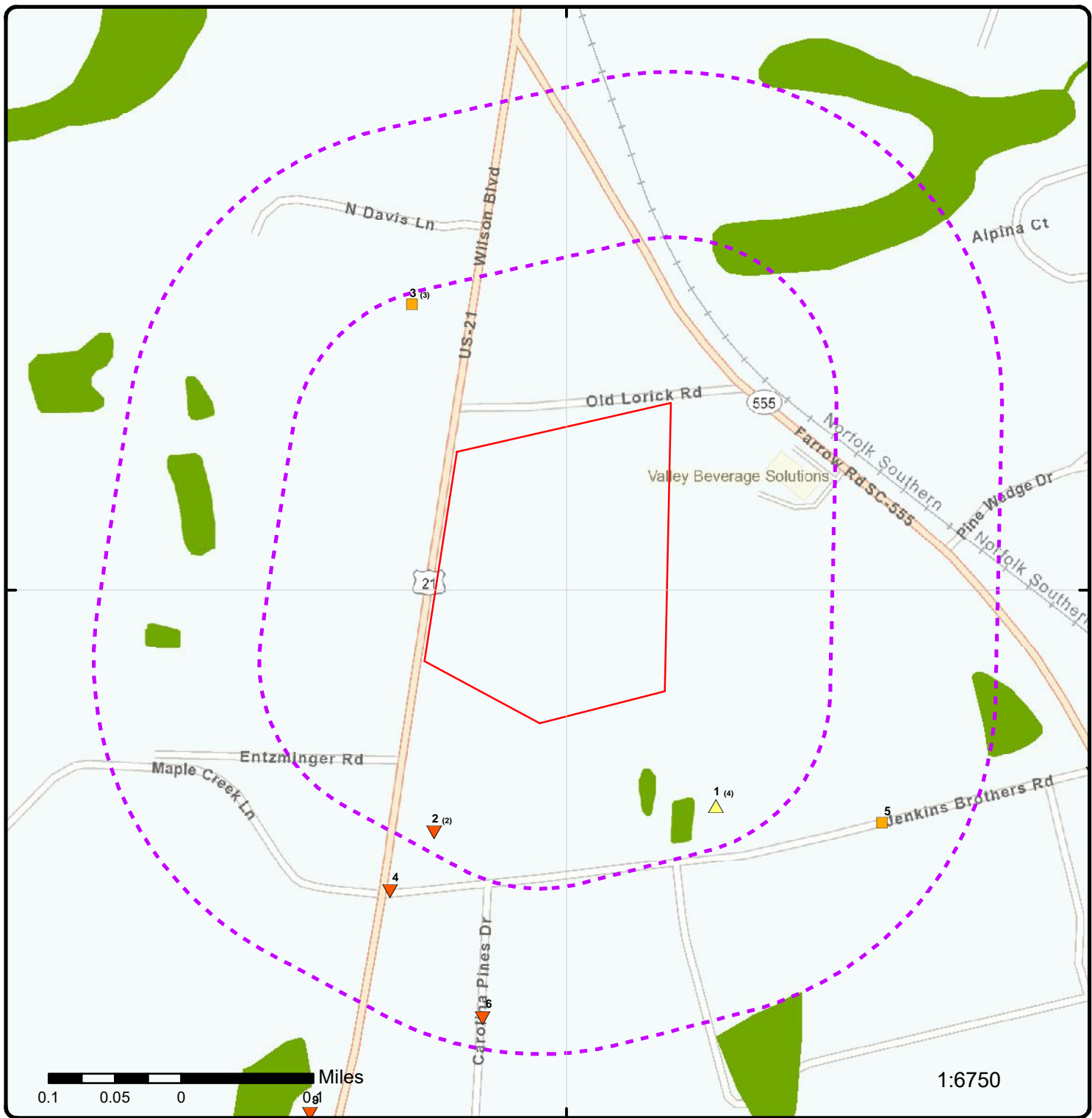
FWS Special Designation Areas

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

80°58'W

34°11'N

34°11'N



Map: 0.25 Mile Radius

Order Number: 25042101182

Address: 10424 Wilson Boulevard, Blythewood, SC



Project Property

Buffer Outline

▲ Sites with Higher Elevation

■ Sites with Same Elevation

▼ Sites with Lower Elevation

○ Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

Indian Reserve Land

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

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

80°58'30"W

80°58'W

80°57'30"W

34°11'30"N

34°11'30"N

34°11'N

34°11'N

34°10'30"N

34°10'30"N



1:10000

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

Aerial Year: 2023

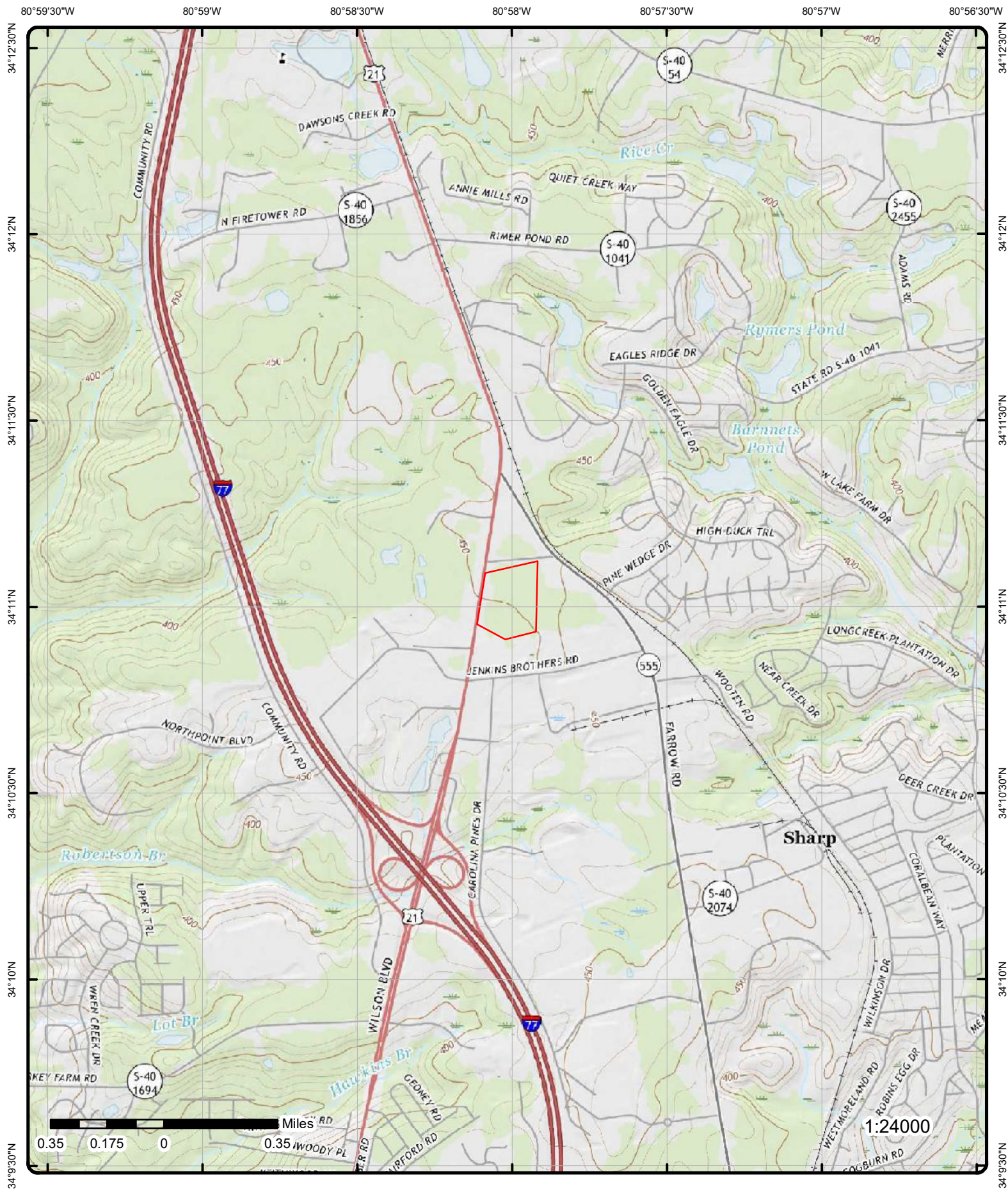
Order Number: 25042101182

Address: 10424 Wilson Boulevard, Blythewood, SC



© ERIS Information Inc.

Source: ESRI World Imagery



Topographic Map Year: 2020

Order Number: 25042101182

Address: 10424 Wilson Boulevard, SC



Quadrangle(s): Blythewood SC, Irmo NE SC

© ERIS Information Inc.

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 4	SE	0.10 / 502.36	452.92 / 2	OWENS CORNING NON-WOVEN-BLYTHEWOOD LLC 1051 JENKINS BROTHERS RD BLYTHEWOOD SC 29016	RCRA VSQG

Handler ID: SCD987566437
Generator Status: VSG
Recycler Activity?: NO
Recycler Activity Note: This facility has not been identified as a Recycler Facility from both the RCRA Handler and Biennial Report Modules.

Violation/Evaluation Summary

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

Violation Details

Viol Type:	262.A	Actual Rtc Date:	20040302
Citation:	SR - 265.173(a)	Found Violation:	Yes
Determined Date:	20031104	Rtc Qualifier:	Observed
Scheduled Compliance Date:			
Eval Activity Location:	SC		
Viol Determined By Agency:	State		
Viol Short Desc:	Generators - General		

Enforcement Details

Enf Type:	140
Enf Type Desc:	
Enf Action Date:	20031124
Disposition Status Desc:	
Disposition Status Date:	
Enf Agency:	State
Proposed Amount:	
Final Amount:	
Paid Amount:	

Violation Details

Viol Type:	262.A	Actual Rtc Date:	20040302
Citation:	SR - 265.173(c)	Found Violation:	Yes
Determined Date:	20031104	Rtc Qualifier:	Observed
Scheduled Compliance Date:			
Eval Activity Location:	SC		
Viol Determined By Agency:	State		
Viol Short Desc:	Generators - General		

Enforcement Details

Enf Type:	140
Enf Type Desc:	
Enf Action Date:	20031124
Disposition Status Desc:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Disposition Status Date:						
Enf Agency:		State				
Proposed Amount:						
Final Amount:						
Paid Amount:						
Violation Details						
Viol Type:		262.A			Actual Rtc Date:	20040302
Citation:		SR - 265.173(d)			Found Violation:	Yes
Determined Date:		20031104			Rtc Qualifier:	Observed
Scheduled Compliance Date:						
Eval Activity Location:		SC				
Viol Determined By Agency:		State				
Viol Short Desc:		Generators - General				
Enforcement Details						
Enf Type:		140				
Enf Type Desc:						
Enf Action Date:		20031124				
Disposition Status Desc:						
Disposition Status Date:						
Enf Agency:		State				
Proposed Amount:						
Final Amount:						
Paid Amount:						
Violation Details						
Viol Type:		262.B			Actual Rtc Date:	19950224
Citation:		SR - 262.23(a)(3)			Found Violation:	Yes
Determined Date:		19950119			Rtc Qualifier:	Observed
Scheduled Compliance Date:		19950221				
Eval Activity Location:		SC				
Viol Determined By Agency:		State				
Viol Short Desc:		Generators - Manifest				
Enforcement Details						
Enf Type:		140				
Enf Type Desc:						
Enf Action Date:		19950119				
Disposition Status Desc:						
Disposition Status Date:						
Enf Agency:		State				
Proposed Amount:						
Final Amount:						
Paid Amount:						
Violation Details						
Viol Type:		262.C			Actual Rtc Date:	19950224
Citation:		SR - 262.34(c)(2)			Found Violation:	Yes
Determined Date:		19950119			Rtc Qualifier:	Observed
Scheduled Compliance Date:		19950221				
Eval Activity Location:		SC				
Viol Determined By Agency:		State				
Viol Short Desc:		Generators - Pre-transport				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Enf Type:		140				
Enf Type Desc:						
Enf Action Date:		19950119				
Disposition Status Desc:						
Disposition Status Date:						
Enf Agency:		State				
Proposed Amount:						
Final Amount:						
Paid Amount:						

Violation Details

Viol Type:	262.C	Actual Rtc Date:	19921209
Citation:	SR - 262.34(a)(2)	Found Violation:	Yes
Determined Date:	19920608	Rtc Qualifier:	Observed
Scheduled Compliance Date:			
Eval Activity Location:	SC		
Viol Determined By Agency:	State		
Viol Short Desc:	Generators - Pre-transport		

Enforcement Details

Enf Type:	310
Enf Type Desc:	FINAL 3008(A) COMPLIANCE ORDER
Enf Action Date:	19921130
Disposition Status Desc:	
Disposition Status Date:	
Enf Agency:	State
Proposed Amount:	14000
Final Amount:	14000
Paid Amount:	14000

Enf Type:	120
Enf Type Desc:	WRITTEN INFORMAL
Enf Action Date:	19920706
Disposition Status Desc:	
Disposition Status Date:	
Enf Agency:	State
Proposed Amount:	
Final Amount:	
Paid Amount:	

Violation Details

Viol Type:	262.C	Actual Rtc Date:	19921209
Citation:	SR - 265.174	Found Violation:	Yes
Determined Date:	19920608	Rtc Qualifier:	Observed
Scheduled Compliance Date:			
Eval Activity Location:	SC		
Viol Determined By Agency:	State		
Viol Short Desc:	Generators - Pre-transport		

Enforcement Details

Enf Type:	120
Enf Type Desc:	WRITTEN INFORMAL
Enf Action Date:	19920706
Disposition Status Desc:	
Disposition Status Date:	
Enf Agency:	State
Proposed Amount:	
Final Amount:	
Paid Amount:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Enf Type:		310				
Enf Type Desc:		FINAL 3008(A) COMPLIANCE ORDER				
Enf Action Date:		19921130				
Disposition Status Desc:						
Disposition Status Date:						
Enf Agency:		State				
Proposed Amount:		14000				
Final Amount:		14000				
Paid Amount:		14000				

Violation Details

Viol Type:	262.C	Actual Rtc Date:	19921209
Citation:	SR - 262.34(a)(3)	Found Violation:	Yes
Determined Date:	19920608	Rtc Qualifier:	Observed
Scheduled Compliance Date:			
Eval Activity Location:	SC		
Viol Determined By Agency:	State		
Viol Short Desc:	Generators - Pre-transport		

Enforcement Details

Enf Type:		310
Enf Type Desc:		FINAL 3008(A) COMPLIANCE ORDER
Enf Action Date:		19921130
Disposition Status Desc:		
Disposition Status Date:		
Enf Agency:		State
Proposed Amount:		14000
Final Amount:		14000
Paid Amount:		14000

Enf Type:		120
Enf Type Desc:		WRITTEN INFORMAL
Enf Action Date:		19920706
Disposition Status Desc:		
Disposition Status Date:		
Enf Agency:		State
Proposed Amount:		
Final Amount:		
Paid Amount:		

Violation Details

Viol Type:	262.C	Actual Rtc Date:	19921209
Citation:	SR - 262.34(c)(1)(ii)	Found Violation:	Yes
Determined Date:	19920608	Rtc Qualifier:	Observed
Scheduled Compliance Date:			
Eval Activity Location:	SC		
Viol Determined By Agency:	State		
Viol Short Desc:	Generators - Pre-transport		

Enforcement Details

Enf Type:		120
Enf Type Desc:		WRITTEN INFORMAL
Enf Action Date:		19920706
Disposition Status Desc:		
Disposition Status Date:		
Enf Agency:		State
Proposed Amount:		
Final Amount:		
Paid Amount:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Enf Type:	310					
Enf Type Desc:	FINAL 3008(A) COMPLIANCE ORDER					
Enf Action Date:	19921130					
Disposition Status Desc:						
Disposition Status Date:						
Enf Agency:	State					
Proposed Amount:	14000					
Final Amount:	14000					
Paid Amount:	14000					

Violation Details

Viol Type:	262.C	Actual Rtc Date:	19921209
Citation:	SR - 262.34(a)	Found Violation:	Yes
Determined Date:	19920608	Rtc Qualifier:	Observed
Scheduled Compliance Date:			
Eval Activity Location:	SC		
Viol Determined By Agency:	State		
Viol Short Desc:	Generators - Pre-transport		

Enforcement Details

Enf Type:	130
Enf Type Desc:	
Enf Action Date:	19920722
Disposition Status Desc:	
Disposition Status Date:	
Enf Agency:	State
Proposed Amount:	
Final Amount:	
Paid Amount:	

Enf Type:	120
Enf Type Desc:	WRITTEN INFORMAL
Enf Action Date:	19920706
Disposition Status Desc:	
Disposition Status Date:	
Enf Agency:	State
Proposed Amount:	
Final Amount:	
Paid Amount:	

Enf Type:	310
Enf Type Desc:	FINAL 3008(A) COMPLIANCE ORDER
Enf Action Date:	19921130
Disposition Status Desc:	
Disposition Status Date:	
Enf Agency:	State
Proposed Amount:	14000
Final Amount:	14000
Paid Amount:	14000

Violation Details

Viol Type:	262.C	Actual Rtc Date:	19921209
Citation:	SR - 265.16(d)(1)&(2)	Found Violation:	Yes
Determined Date:	19920608	Rtc Qualifier:	Observed
Scheduled Compliance Date:			
Eval Activity Location:	SC		
Viol Determined By Agency:	State		
Viol Short Desc:	Generators - Pre-transport		

Enforcement Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Enf Type:	310					
Enf Type Desc:	FINAL 3008(A) COMPLIANCE ORDER					
Enf Action Date:	19921130					
Disposition Status Desc:						
Disposition Status Date:						
Enf Agency:	State					
Proposed Amount:	14000					
Final Amount:	14000					
Paid Amount:	14000					

Enf Type:	120					
Enf Type Desc:	WRITTEN INFORMAL					
Enf Action Date:	19920706					
Disposition Status Desc:						
Disposition Status Date:						
Enf Agency:	State					
Proposed Amount:						
Final Amount:						
Paid Amount:						

Violation Details

Viol Type:	262.C	Actual Rtc Date:	19921209
Citation:	SR - 265.35	Found Violation:	Yes
Determined Date:	19920608	Rtc Qualifier:	Observed
Scheduled Compliance Date:			
Eval Activity Location:	SC		
Viol Determined By Agency:	State		
Viol Short Desc:	Generators - Pre-transport		

Enforcement Details

Enf Type:	310					
Enf Type Desc:	FINAL 3008(A) COMPLIANCE ORDER					
Enf Action Date:	19921130					
Disposition Status Desc:						
Disposition Status Date:						
Enf Agency:	State					
Proposed Amount:	14000					
Final Amount:	14000					
Paid Amount:	14000					

Enf Type:	120					
Enf Type Desc:	WRITTEN INFORMAL					
Enf Action Date:	19920706					
Disposition Status Desc:						
Disposition Status Date:						
Enf Agency:	State					
Proposed Amount:						
Final Amount:						
Paid Amount:						

Violation Details

Viol Type:	262.C	Actual Rtc Date:	19921209
Citation:	SR - 262.42(a)(1)&(2)	Found Violation:	Yes
Determined Date:	19920608	Rtc Qualifier:	Observed
Scheduled Compliance Date:			
Eval Activity Location:	SC		
Viol Determined By Agency:	State		
Viol Short Desc:	Generators - Pre-transport		

Enforcement Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Enf Type:	120					
Enf Type Desc:	WRITTEN INFORMAL					
Enf Action Date:	19920706					
Disposition Status Desc:						
Disposition Status Date:						
Enf Agency:	State					
Proposed Amount:						
Final Amount:						
Paid Amount:						
Enf Type:	310					
Enf Type Desc:	FINAL 3008(A) COMPLIANCE ORDER					
Enf Action Date:	19921130					
Disposition Status Desc:						
Disposition Status Date:						
Enf Agency:	State					
Proposed Amount:	14000					
Final Amount:	14000					
Paid Amount:	14000					

Violation Details

Viol Type:	262.C	Actual Rtc Date:	19921209
Citation:	SR - 26265.173(a)	Found Violation:	Yes
Determined Date:	19920608	Rtc Qualifier:	Observed
Scheduled Compliance Date:			
Eval Activity Location:	SC		
Viol Determined By Agency:	State		
Viol Short Desc:	Generators - Pre-transport		

Enforcement Details

Enf Type:	120					
Enf Type Desc:	WRITTEN INFORMAL					
Enf Action Date:	19920706					
Disposition Status Desc:						
Disposition Status Date:						
Enf Agency:	State					
Proposed Amount:						
Final Amount:						
Paid Amount:						
Enf Type:	310					
Enf Type Desc:	FINAL 3008(A) COMPLIANCE ORDER					
Enf Action Date:	19921130					
Disposition Status Desc:						
Disposition Status Date:						
Enf Agency:	State					
Proposed Amount:	14000					
Final Amount:	14000					
Paid Amount:	14000					

Violation Details

Viol Type:	262.A	Actual Rtc Date:	19890724
Citation:		Found Violation:	Yes
Determined Date:	19890516	Rtc Qualifier:	Observed
Scheduled Compliance Date:			
Eval Activity Location:	SC		
Viol Determined By Agency:	State		
Viol Short Desc:	Generators - General		

Evaluation Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Eval Start Date:		20040302				
Eval Type Desc:		COMPLIANCE SCHEDULE EVALUATION				
Viol Short Desc:						
Actual Rtc Date:						
Eval Agency:		State				
Eval Start Date:		20031104				
Eval Type Desc:		COMPLIANCE EVALUATION INSPECTION				
Viol Short Desc:		Generators - General				
Actual Rtc Date:		20040302				
Eval Agency:		State				
Eval Start Date:		19970905				
Eval Type Desc:		COMPLIANCE EVALUATION INSPECTION				
Viol Short Desc:						
Actual Rtc Date:						
Eval Agency:		State				
Eval Start Date:		19950224				
Eval Type Desc:		COMPLIANCE SCHEDULE EVALUATION				
Viol Short Desc:						
Actual Rtc Date:						
Eval Agency:		State				
Eval Start Date:		19950119				
Eval Type Desc:		COMPLIANCE EVALUATION INSPECTION				
Viol Short Desc:		Generators - Pre-transport				
Actual Rtc Date:		19950224				
Eval Agency:		State				
Eval Start Date:		19950119				
Eval Type Desc:		COMPLIANCE EVALUATION INSPECTION				
Viol Short Desc:		Generators - Manifest				
Actual Rtc Date:		19950224				
Eval Agency:		State				
Eval Start Date:		19921209				
Eval Type Desc:		NO LONGER A SIGNIFICANT NON-COMPLIER				
Viol Short Desc:						
Actual Rtc Date:						
Eval Agency:		State				
Eval Start Date:		19920608				
Eval Type Desc:		SIGNIFICANT NON-COMPLIER				
Viol Short Desc:						
Actual Rtc Date:						
Eval Agency:		State				
Eval Start Date:		19920521				
Eval Type Desc:		COMPLIANCE EVALUATION INSPECTION				
Viol Short Desc:		Generators - Pre-transport				
Actual Rtc Date:		19921209				
Eval Agency:		State				
Eval Start Date:		19890724				
Eval Type Desc:		COMPLIANCE SCHEDULE EVALUATION				
Viol Short Desc:						
Actual Rtc Date:						
Eval Agency:		State				
Eval Start Date:		19890516				
Eval Type Desc:		COMPLIANCE EVALUATION INSPECTION				
Viol Short Desc:		Generators - General				
Actual Rtc Date:		19890724				
Eval Agency:		State				

Handler Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Importer:	No				Used Oil Transpor:	No
Mixed Waste Gen:	No				Used Oil Trans Fac:	No
Transporter:	No				Used Oil Processor:	No
Transfer Facility:	No				Used Oil Refiner:	No
Recycler:	No				Used Oil Burner:	No
Onsite Burner Exem:	No				Commercial TSD:	No
Furnace Exemption:	No				Recycl Nonstorage:	No
Underground Injec:	No					
Used Oil Market Burner:	No	No				
Used Oil Spec Marketer:	No	No				

Additional Handler Summary Details

Source Type:	N			NAIC 1:	313230
Seq No:	9			NAIC 2:	
Non Notifier:				NAIC 3:	
Receive Date:	20210913			NAIC 4:	
Active Site:	H----			State:	SC
Land Type:	P			Location Latitude:	34.180423
In Handler Univ:	Y			Location Longitude:	-80.964314
In A Universe:	Y			Loc GIS Primary:	N
Gen Status:	VSG			Loc GIS Origin:	AG
Report Cycle:				State District Owner:	SC
Accessibility:				State District:	CM
Region:	04				
Fed Waste Gen Owner:	HQ				
State Waste Generator Owner:	SC				
State Waste Generator:	4				
Short Term Generator:	N				
Uni Waste:	N				
Universal Waste Dest Facility:	N				
Federal Universal Waste:	N				
As Federally Regulated Tsdf:	-----				
As Converter Tsdf:	-----				
As State Regulated Tsdf:	-----				
As State Regulated Handler:	---				
Federal Indicator:	---				
Hsm:	N				
Subpart K:	----				
GPRA Permit:	N				
GPRA Renewal:	N				
Permit Renewal Wrkld:	-----				
Permwrk ID:	-----				
Perm Prog:	-----				
Pcwrkld:	-----				
Closwrkld:	-----				
GPRA Ca:	N				
Cawrkld:	N				
Subjca Tsd Discretion:	N				
NCAPS:	N				
EC Indicator:	N				
Ca725 Indicator:	N				
Ca750 Indicator:	N				
Operating Tsdf:	-----				
Full Enforcement:	-----				
Snc:	N				
Unaddressed Snc:	N				
Addressed Snc:	N				
Snc With Comp Sched:	N				
Fa Required:	-----				
Hhandler Last Change:	20210914				
Recognized Trader Importer:	N				
Recognized Trader Exporter:	N				
Slab Importer:	N				
Slab Exporter:	N				
Manifest Broker:	N				
Subpart P:	N				
Contact Language:	EN				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Handler Name:		OWENS CORNING NON-WOVEN-BLYTHEWOOD LLC				
Location Street No:		1051				
Location Street1:		JENKINS BROTHERS RD				
Location Street2:						
Location City:		BLYTHEWOOD				
Location State:		SC				
Location Zip:		29016				
Location County Code:		SC079				
Location County Name:		RICHLAND				
Location Country:		US				
Contact Name:		KATY PLATEK				
Contact Street No:		1051				
Contact Street1:		JENKINS BROTHERS RD				
Contact Street2:						
Contact City:		BLYTHEWOOD				
Contact State:		SC				
Contact Zip:		29016				
Contact Country:		US				
Contact Phone And Ext:		731-426-7858				
Contact Fax:						
Contact Email Address:						
Contact Title:		EHS LEADER				
Owner Name:		CASCO IMPREGNATED PAPERS INC				
Owner Type:		P				
Owner Seq:		1				
Operator Name:		COVERIGHT SURFACES USA CO				
Operator Type:		P				
Operator Seq:		5				
Public Notes:						

Hazardous Waste Handler Details

Seq No: 1
Receive Date: 19900301
Handler Name: ORCHARD DECORATIVE PRODUCTS
Fed Waste Generator: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Seq No: 2
Receive Date: 19920302
Handler Name: ORCHARD DECORATIVE PRODUCTS
Fed Waste Generator: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Seq No: 3
Receive Date: 19940301
Handler Name: BORDEN DECORATIVE PRODUCTS
Fed Waste Generator: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Seq No: 4
Receive Date: 19960301
Handler Name: BORDEN DECORATIVE PRODUCTS
Fed Waste Generator: 1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Generator Code Description:	Large Quantity Generator
Source Type:	Annual/Biennial Report

Hazardous Waste Handler Details

Seq No:	5
Receive Date:	19980301
Handler Name:	CASCO IMPREGNATED PAPERS AMERICA CO
Fed Waste Generator:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Annual/Biennial Report

Hazardous Waste Handler Details

Seq No:	6
Receive Date:	20000103
Handler Name:	CASCO IMPREGNATED PAPERS AMERICA CO
Fed Waste Generator:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Annual/Biennial Report

Hazardous Waste Handler Details

Seq No:	1
Receive Date:	20000801
Handler Name:	CASCO IMPREGNATED PAPERS AMERICA CO
Fed Waste Generator:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification

Hazardous Waste Handler Details

Seq No:	2
Receive Date:	20001026
Handler Name:	CASCO IMPREGNATED PAPERS AMERICA CO
Fed Waste Generator:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification

Hazardous Waste Handler Details

Seq No:	3
Receive Date:	20010117
Handler Name:	CASCO IMPREGNATED PAPERS AMERICA CO
Fed Waste Generator:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification

Waste Code Details

Waste Code:	D001
Waste Code Desc:	IGNITABLE WASTE
Waste Code:	D002
Waste Code Desc:	CORROSIVE WASTE
Waste Code:	D007
Waste Code Desc:	CHROMIUM
Waste Code:	D008
Waste Code Desc:	LEAD

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		D009				
Waste Code Desc:		MERCURY				
Waste Code:		D039				
Waste Code Desc:		TETRACHLOROETHYLENE				
Waste Code:		F003				
Waste Code Desc:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Waste Code:		F005				
Waste Code Desc:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Waste Code:		U002				
Waste Code Desc:		2-PROPANONE (I) (OR) ACETONE (I)				
Waste Code:		U031				
Waste Code Desc:		1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)				
Waste Code:		U112				
Waste Code Desc:		ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)				
Waste Code:		U122				
Waste Code Desc:		FORMALDEHYDE				
Waste Code:		U140				
Waste Code Desc:		1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)				
Waste Code:		U154				
Waste Code Desc:		METHANOL (I) (OR) METHYL ALCOHOL (I)				
Waste Code:		U159				
Waste Code Desc:		2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)				
Waste Code:		U220				
Waste Code Desc:		BENZENE, METHYL- (OR) TOLUENE				
Waste Code:		U239				
Waste Code Desc:		BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)				

Hazardous Waste Handler Details

Seq No: 7
Receive Date: 20020301
Handler Name: CASCO IMPREGNATED PAPERS AMERICA CO
Fed Waste Generator: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Seq No: 8
Receive Date: 20040101
Handler Name: COVERIGHT SURFACES USA CO
Fed Waste Generator: 1
Generator Code Description: Large Quantity Generator

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Source Type: Annual/Biennial Report

Waste Code Details

Waste Code: D001

Waste Code Desc: IGNITABLE WASTE

Waste Code: F002

Waste Code Desc: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003

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

Waste Code: F005

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

Hazardous Waste Handler Details

Seq No: 4

Receive Date: 20040519

Handler Name: COVERIGHT SURFACES USA CO

Fed Waste Generator: 2

Generator Code Description: Small Quantity Generator

Source Type: Notification

Waste Code Details

Waste Code: D001

Waste Code Desc: IGNITABLE WASTE

Waste Code: D002

Waste Code Desc: CORROSIVE WASTE

Waste Code: D003

Waste Code Desc: REACTIVE WASTE

Waste Code: D004

Waste Code Desc: ARSENIC

Waste Code: D005

Waste Code Desc: BARIUM

Waste Code: D006

Waste Code Desc: CADMIUM

Waste Code: D007

Waste Code Desc: CHROMIUM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		D008				
Waste Code Desc:		LEAD				
Waste Code:		D009				
Waste Code Desc:		MERCURY				
Waste Code:		D010				
Waste Code Desc:		SELENIUM				
Waste Code:		D011				
Waste Code Desc:		SILVER				
Waste Code:		D012				
Waste Code Desc:		ENDRIN (1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-ENDO, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)				
Waste Code:		D013				
Waste Code Desc:		LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)				
Waste Code:		D014				
Waste Code Desc:		METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)				
Waste Code:		D015				
Waste Code Desc:		TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)				
Waste Code:		D016				
Waste Code Desc:		2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)				
Waste Code:		D017				
Waste Code Desc:		2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)				
Waste Code:		D018				
Waste Code Desc:		BENZENE				
Waste Code:		D019				
Waste Code Desc:		CARBON TETRACHLORIDE				
Waste Code:		D020				
Waste Code Desc:		CHLORDANE				
Waste Code:		D021				
Waste Code Desc:		CHLOROBENZENE				
Waste Code:		D022				
Waste Code Desc:		CHLOROFORM				
Waste Code:		D023				
Waste Code Desc:		O-CRESOL				
Waste Code:		D024				
Waste Code Desc:		M-CRESOL				
Waste Code:		D025				
Waste Code Desc:		P-CRESOL				
Waste Code:		D026				
Waste Code Desc:		CRESOL				
Waste Code:		D027				
Waste Code Desc:		1,4-DICHLOROBENZENE				
Waste Code:		D028				
Waste Code Desc:		1,2-DICHLOROETHANE				
Waste Code:		D029				
Waste Code Desc:		1,1-DICHLOROETHYLENE				
Waste Code:		D030				
Waste Code Desc:		2,4-DINITROTOLUENE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		D031				
Waste Code Desc:		HEPTACHLOR (AND ITS EPOXIDE)				
Waste Code:		D032				
Waste Code Desc:		HEXACHLOROBENZENE				
Waste Code:		D033				
Waste Code Desc:		HEXACHLOROBUTADIENE				
Waste Code:		D034				
Waste Code Desc:		HEXACHLOROETHANE				
Waste Code:		D035				
Waste Code Desc:		METHYL ETHYL KETONE				
Waste Code:		D036				
Waste Code Desc:		NITROBENZENE				
Waste Code:		D037				
Waste Code Desc:		PENTACHLOROPHENOL				
Waste Code:		D038				
Waste Code Desc:		PYRIDINE				
Waste Code:		D039				
Waste Code Desc:		TETRACHLOROETHYLENE				
Waste Code:		D040				
Waste Code Desc:		TRICHLOROETHYLENE				
Waste Code:		D041				
Waste Code Desc:		2,4,5-TRICHLOROPHENOL				
Waste Code:		D042				
Waste Code Desc:		2,4,6-TRICHLOROPHENOL				
Waste Code:		D043				
Waste Code Desc:		VINYL CHLORIDE				
Waste Code:		F001				
Waste Code Desc:		THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Waste Code:		F002				
Waste Code Desc:		THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Waste Code:		F003				
Waste Code Desc:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Waste Code:		F004				
Waste Code Desc:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
Waste Code:					F005	
Waste Code Desc:					THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
Waste Code:					F006	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.	
Waste Code:					F007	
Waste Code Desc:					SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.	
Waste Code:					F008	
Waste Code Desc:					PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.	
Waste Code:					F009	
Waste Code Desc:					SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.	
Waste Code:					F010	
Waste Code Desc:					QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.	
Waste Code:					F011	
Waste Code Desc:					SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.	
Waste Code:					F012	
Waste Code Desc:					QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.	
Waste Code:					F019	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.	
Waste Code:					F024	
Waste Code Desc:					PROCESS WASTES INCLUDING, BUT NOT LIMITED TO, DISTILLATION RESIDUES, HEAVY ENDS, TARS, AND REACTOR CLEAN-OUT WASTES FROM THE PRODUCTION OF CERTAIN CHLORINATED ALIPHATIC HYDROCARBONS BY FREE RADICAL CATALYZED PROCESSES. THESE CHLORINATED ALIPHATIC HYDROCARBONS ARE THOSE HAVING CARBON CHAIN LENGTHS RANGING FROM ONE TO, AND INCLUDING FIVE, WITH VARYING AMOUNTS AND POSITIONS OF CHLORINE SUBSTITUTION. (THIS LISTING DOES NOT INCLUDE WASTEWATERS, WASTEWATER TREATMENT SLUDGE, SPENT CATALYSTS, AND WASTES LISTED IN SECTIONS 261.31. OR 261.32)	
Waste Code:					F028	
Waste Code Desc:					RESIDUES RESULTING FROM THE INCINERATION OR THERMAL TREATMENT OF SOIL CONTAMINATED WITH EPA HAZARDOUS WASTE NOS. F020, F021, F022, F023, F026, AND F027.	
Waste Code:					F032	
Waste Code Desc:					WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT CURRENTLY USE, OR HAVE PREVIOUSLY USED, CHLOROPHENOLIC FORMULATIONS [EXCEPT POTENTIALLY CROSS-CONTAMINATED WASTES THAT HAVE HAD THE F032 WASTE CODE DELETED IN ACCORDANCE WITH SECTION 261.35 (I.E., THE NEWLY PROMULGATED EQUIPMENT CLEANING OR REPLACEMENT STANDARDS), AND WHERE THE GENERATOR DOES NOT RESUME OR INITIATE USE OF CHLOROPHENOLIC FORMULATIONS]. (THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					CREOSOTE AND/OR PENTACHLOROPHENOL.)	
Waste Code:					F034	
Waste Code Desc:					WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE CREOSOTE FORMULATIONS. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.	
Waste Code:					F035	
Waste Code Desc:					WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE INORGANIC PRESERVATIVES CONTAINING ARSENIC OR CHROMIUM. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.	
Waste Code:					F037	
Waste Code Desc:					PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE, BUT ARE NOT LIMITED TO, THOSE GENERATED IN OIL/WATER/SOLIDS SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORM WATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGES GENERATED IN STORM WATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.	
Waste Code:					F038	
Waste Code Desc:					PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND F037, K048, AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.	
Waste Code:					F039	
Waste Code Desc:					LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)	
Waste Code:					K001	
Waste Code Desc:					BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATERS FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.	
Waste Code:					K002	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME YELLOW AND ORANGE PIGMENTS.	
Waste Code:					K003	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF MOLYBDATE ORANGE PIGMENTS.	
Waste Code:					K004	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF ZINC YELLOW PIGMENTS.	
Waste Code:					K005	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME GREEN PIGMENTS.	
Waste Code:					K006	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME OXIDE GREEN PIGMENTS (ANHYDROUS AND HYDRATED).	
Waste Code:					K007	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF IRON BLUE PIGMENTS.	
Waste Code:					K008	
Waste Code Desc:					OVEN RESIDUE FROM THE PRODUCTION OF CHROME OXIDE GREEN PIGMENTS.	
Waste Code:					K009	
Waste Code Desc:					DISTILLATION BOTTOMS FROM THE PRODUCTION OF ACETALDEHYDE FROM ETHYLENE.	
Waste Code:					K010	
Waste Code Desc:					DISTILLATION SIDE CUTS FROM THE PRODUCTION OF ACETALDEHYDE FROM ETHYLENE.	
Waste Code:					K011	
Waste Code Desc:					BOTTOM STREAM FROM THE WASTEWATER STRIPPER IN THE PRODUCTION OF ACRYLONITRILE.	
Waste Code:					K013	
Waste Code Desc:					BOTTOM STREAM FROM THE ACETONITRILE COLUMN IN THE PRODUCTION OF ACRYLONITRILE.	
Waste Code:					K014	
Waste Code Desc:					BOTTOMS FROM THE ACETONITRILE PURIFICATION COLUMN IN THE PRODUCTION OF ACRYLONITRILE.	
Waste Code:					K015	
Waste Code Desc:					STILL BOTTOMS FROM THE DISTILLATION OF BENZYL CHLORIDE.	
Waste Code:					K016	
Waste Code Desc:					HEAVY ENDS OR DISTILLATION RESIDUES FROM THE PRODUCTION OF CARBON TETRACHLORIDE.	
Waste Code:					K017	
Waste Code Desc:					HEAVY ENDS (STILL BOTTOMS) FROM THE PURIFICATION COLUMN IN THE PRODUCTION OF EPICHLOROHYDRIN.	
Waste Code:					K018	
Waste Code Desc:					HEAVY ENDS FROM THE FRACTIONATION COLUMN IN ETHYL CHLORIDE PRODUCTION.	
Waste Code:					K019	
Waste Code Desc:					HEAVY ENDS FROM THE DISTILLATION OF ETHYLENE DICHLORIDE IN ETHYLENE DICHLORIDE PRODUCTION.	
Waste Code:					K020	
Waste Code Desc:					HEAVY ENDS FROM THE DISTILLATION OF VINYL CHLORIDE IN VINYL CHLORIDE MONOMER PRODUCTION.	
Waste Code:					K021	
Waste Code Desc:					AQUEOUS SPENT ANTIMONY CATALYST WASTE FROM FLUOROMETHANE PRODUCTION.	
Waste Code:					K022	
Waste Code Desc:					DISTILLATION BOTTOM TARS FROM THE PRODUCTION OF PHENOL/ACETONE FROM CUMENE.	
Waste Code:					K023	
Waste Code Desc:					DISTILLATION LIGHT ENDS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM NAPHTHALENE.	
Waste Code:					K024	
Waste Code Desc:					DISTILLATION BOTTOMS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM NAPHTHALENE.	
Waste Code:					K025	
Waste Code Desc:					DISTILLATION BOTTOMS FROM THE PRODUCTION OF NITROBENZENE BY THE NITRATION OF BENZENE.	
Waste Code:					K026	
Waste Code Desc:					STRIPPING STILL TAILS FROM THE PRODUCTION OF METHYL ETHYL PYRIDINES.	
Waste Code:					K027	
Waste Code Desc:					CENTRIFUGE AND DISTILLATION RESIDUES FROM TOLUENE DIISOCYANATE PRODUCTION.	
Waste Code:					K028	
Waste Code Desc:					SPENT CATALYST FROM THE HYDROCHLORINATOR REACTOR IN THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.	
Waste Code:					K029	
Waste Code Desc:					WASTE FROM THE PRODUCT STEAM STRIPPER IN THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:					K030	
Waste Code Desc:					COLUMN BOTTOMS OR HEAVY ENDS FROM THE COMBINED PRODUCTION OF TRICHLOROETHYLENE AND PERCHLOROETHYLENE.	
Waste Code:					K031	
Waste Code Desc:					BY-PRODUCT SALTS GENERATED IN THE PRODUCTION OF MSMA AND CACODYLIC ACID.	
Waste Code:					K032	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHLORDANE.	
Waste Code:					K033	
Waste Code Desc:					WASTEWATER AND SCRUB WATER FROM THE CHLORINATION OF CYCLOPENTADIENE IN THE PRODUCTION OF CHLORDANE.	
Waste Code:					K034	
Waste Code Desc:					FILTER SOLIDS FROM THE FILTRATION OF HEXACHLOROCYCLOPENTADIENE IN THE PRODUCTION OF CHLORDANE.	
Waste Code:					K035	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGES GENERATED IN THE PRODUCTION OF CREOSOTE.	
Waste Code:					K036	
Waste Code Desc:					STILL BOTTOMS FROM TOLUENE RECLAMATION DISTILLATION IN THE PRODUCTION OF DISULFOTON.	
Waste Code:					K037	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGES FROM THE PRODUCTION OF DISULFOTON.	
Waste Code:					K038	
Waste Code Desc:					WASTEWATER FROM THE WASHING AND STRIPPING OF PHORATE PRODUCTION.	
Waste Code:					K039	
Waste Code Desc:					FILTER CAKE FROM THE FILTRATION OF DIETHYLPHOSPHORODITHIOIC ACID IN THE PRODUCTION OF PHORATE.	
Waste Code:					K040	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF PHORATE.	
Waste Code:					K041	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF TOXAPHENE.	
Waste Code:					K042	
Waste Code Desc:					HEAVY ENDS OR DISTILLATION RESIDUES FROM THE DISTILLATION OF TETRACHLOROBENZENE IN THE PRODUCTION OF 2,4,5-T.	
Waste Code:					K043	
Waste Code Desc:					2,6-DICHLOROPHENOL WASTE FROM THE PRODUCTION OF 2,4-D.	
Waste Code:					K044	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING AND PROCESSING OF EXPLOSIVES.	
Waste Code:					K045	
Waste Code Desc:					SPENT CARBON FROM THE TREATMENT OF WASTEWATER CONTAINING EXPLOSIVES.	
Waste Code:					K046	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.	
Waste Code:					K047	
Waste Code Desc:					PINK/RED WATER FROM TNT OPERATIONS.	
Waste Code:					K048	
Waste Code Desc:					DISSOLVED AIR FLOTATION (DAF) FLOAT FROM THE PETROLEUM REFINING INDUSTRY.	
Waste Code:					K049	
Waste Code Desc:					SLOP OIL EMULSION SOLIDS FROM THE PETROLEUM REFINING INDUSTRY.	
Waste Code:					K050	
Waste Code Desc:					HEAT EXCHANGER BUNDLE CLEANING SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:					K051	
Waste Code Desc:					API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.	
Waste Code:					K052	
Waste Code Desc:					TANK BOTTOMS (LEADED) FROM THE PETROLEUM REFINING INDUSTRY.	
Waste Code:					K060	
Waste Code Desc:					AMMONIA STILL LIME SLUDGE FROM COKING OPERATIONS.	
Waste Code:					K061	
Waste Code Desc:					EMISSION CONTROL DUST/SLUDGE FROM THE PRIMARY PRODUCTION OF STEEL IN ELECTRIC FURNACES.	
Waste Code:					K062	
Waste Code Desc:					SPENT PICKLE LIQUOR FROM STEEL FINISHING OPERATIONS OF PLANTS THAT PRODUCE IRON OR STEEL.	
Waste Code:					K064	
Waste Code Desc:					ACID PLANT BLOWDOWN SLURRY/SLUDGE RESULTING FROM THE THICKENING OF BLOWDOWN SLURRY FROM PRIMARY COPPER PRODUCTION.	
Waste Code:					K065	
Waste Code Desc:					SURFACE IMPOUNDMENT SOLIDS CONTAINED IN AND DREDGED FROM SURFACE IMPOUNDMENTS AT PRIMARY LEAD SMELTING FACILITIES.	
Waste Code:					K066	
Waste Code Desc:					SLUDGE FROM TREATMENT OF PROCESS WASTEWATER AND/OR ACID PLANT BLOWDOWN FROM PRIMARY ZINC PRODUCTION.	
Waste Code:					K069	
Waste Code Desc:					EMISSION CONTROL DUST/SLUDGE FROM SECONDARY LEAD SMELTING.	
Waste Code:					K071	
Waste Code Desc:					BRINE PURIFICATION MUDS FROM THE MERCURY CELL PROCESS IN CHLORINE PRODUCTION, IN WHICH SEPARATELY PREPURIFIED BRINE IS NOT USED.	
Waste Code:					K073	
Waste Code Desc:					CHLORINATED HYDROCARBON WASTE FROM THE PURIFICATION STEP OF THE DIAPHRAGM CELL PROCESS USING GRAPHITE ANODES IN CHLORINE PRODUCTION.	
Waste Code:					K083	
Waste Code Desc:					DISTILLATION BOTTOMS FROM ANILINE PRODUCTION.	
Waste Code:					K084	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGES GENERATED DURING THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.	
Waste Code:					K085	
Waste Code Desc:					DISTILLATION OR FRACTIONATION COLUMN BOTTOMS FROM THE PRODUCTION OF CHLOROBENZENES.	
Waste Code:					K086	
Waste Code Desc:					SOLVENT WASHES AND SLUDGES, CAUSTIC WASHES AND SLUDGES, OR WATER WASHES AND SLUDGES FROM CLEANING TUBS AND EQUIPMENT USED IN THE FORMULATION OF INK FROM PIGMENTS, DRIERS, SOAPS, AND STABILIZERS CONTAINING CHROMIUM AND LEAD.	
Waste Code:					K087	
Waste Code Desc:					DECANTER TANK TAR SLUDGE FROM COKING OPERATIONS.	
Waste Code:					K088	
Waste Code Desc:					SPENT POTLINERS FROM PRIMARY ALUMINUM REDUCTION.	
Waste Code:					K090	
Waste Code Desc:					EMISSION CONTROL DUST OR SLUDGE FROM FERROCHROMIUMSILICON PRODUCTION.	
Waste Code:					K091	
Waste Code Desc:					EMISSION CONTROL DUST OR SLUDGE FROM FERROCHROMIUM PRODUCTION.	
Waste Code:					K093	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Desc:					DISTILLATION LIGHT ENDS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM ORTHO-XYLENE.	
Waste Code:				K094		
Waste Code Desc:					DISTILLATION BOTTOMS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM ORTHO-XYLENE.	
Waste Code:				K095		
Waste Code Desc:					DISTILLATION BOTTOMS FROM THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.	
Waste Code:				K096		
Waste Code Desc:					HEAVY ENDS FROM THE HEAVY ENDS COLUMN FROM THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.	
Waste Code:				K097		
Waste Code Desc:					VACUUM STRIPPER DISCHARGE FROM THE CHLORDANE CHLORINATOR IN THE PRODUCTION OF CHLORDANE.	
Waste Code:				K098		
Waste Code Desc:					UNTREATED PROCESS WASTEWATER FROM THE PRODUCTION OF TOXAPHENE.	
Waste Code:				K099		
Waste Code Desc:					UNTREATED WASTEWATER FROM THE PRODUCTION OF 2,4-D.	
Waste Code:				K100		
Waste Code Desc:					WASTE LEACHING SOLUTION FROM ACID LEACHING OF EMISSION CONTROL DUST/SLUDGE FROM SECONDARY LEAD SMELTING.	
Waste Code:				K101		
Waste Code Desc:					DISTILLATION TAR RESIDUES FROM THE DISTILLATION OF ANILINE-BASED COMPOUNDS IN THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.	
Waste Code:				K102		
Waste Code Desc:					RESIDUE FROM THE USE OF ACTIVATED CARBON FOR DECOLORIZATION IN THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.	
Waste Code:				K103		
Waste Code Desc:					PROCESS RESIDUES FROM ANILINE EXTRACTION FROM THE PRODUCTION OF ANILINE.	
Waste Code:				K104		
Waste Code Desc:					COMBINED WASTEWATERS GENERATED FROM NITROBENZENE/ANILINE PRODUCTION.	
Waste Code:				K105		
Waste Code Desc:					SEPARATED AQUEOUS STREAM FROM THE REACTOR PRODUCT WASHING STEP IN THE PRODUCTION OF CHLOROBENZENES.	
Waste Code:				K106		
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE MERCURY CELL PROCESS IN CHLORINE PRODUCTION.	
Waste Code:				K107		
Waste Code Desc:					COLUMN BOTTOMS FROM PRODUCT SEPARATION FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE (UDMH) FROM CARBOXYLIC ACID HYDRAZIDES.	
Waste Code:				K108		
Waste Code Desc:					CONDENSED COLUMN OVERHEADS FROM PRODUCT SEPARATION AND CONDENSED REACTOR VENT GASES FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.	
Waste Code:				K109		
Waste Code Desc:					SPENT FILTER CARTRIDGES FROM PRODUCT PURIFICATION FROM THE PRODUCT OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.	
Waste Code:				K110		
Waste Code Desc:					CONDENSED COLUMN OVERHEADS FROM INTERMEDIATE SEPARATION FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.	
Waste Code:				K111		
Waste Code Desc:					PRODUCT WASHWATERS FROM THE PRODUCTION OF DINITROTOLUENE VIA NITRATION OF TOLUENE.	
Waste Code:				K112		
Waste Code Desc:					REACTION BY-PRODUCT WATER FROM THE DRYING COLUMN IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code: Waste Code Desc:					K113 CONDENSED LIQUID LIGHT ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.	
Waste Code: Waste Code Desc:					K114 VICINALS FROM THE PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.	
Waste Code: Waste Code Desc:					K115 HEAVY ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.	
Waste Code: Waste Code Desc:					K116 ORGANIC CONDENSATE FROM THE SOLVENT RECOVERY COLUMN IN THE PRODUCTION OF TOLUENE DIISOCYANATE VIA PHOSGENATION OF TOLUENEDIAMINE.	
Waste Code: Waste Code Desc:					K117 WASTEWATER FROM THE REACTOR VENT GAS SCRUBBER IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.	
Waste Code: Waste Code Desc:					K118 SPENT ADSORBENT SOLIDS FROM PURIFICATION OF ETHYLENE DIBROMIDE IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.	
Waste Code: Waste Code Desc:					K123 PROCESS WASTEWATER (INCLUDING SUPERNATES, FILTRATES, AND WASHWATERS) FROM THE PRODUCTION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.	
Waste Code: Waste Code Desc:					K124 REACTOR VENT SCRUBBER WATER FROM THE PRODUCTION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.	
Waste Code: Waste Code Desc:					K125 FILTRATION, EVAPORATION, AND CENTRIFUGATION SOLIDS FROM THE PRODUCTION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.	
Waste Code: Waste Code Desc:					K126 BAGHOUSE DUST AND FLOOR SWEEPINGS IN MILLING AND PACKAGING OPERATIONS FROM PRODUCTION OR FORMULATION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.	
Waste Code: Waste Code Desc:					K131 WASTEWATER FROM THE REACTOR AND SPENT SULFURIC ACID FROM THE ACID DRYER FROM THE PRODUCTION OF METHYL BROMIDE.	
Waste Code: Waste Code Desc:					K132 SPENT ABSORBENT AND WASTEWATER SEPARATOR SOLIDS FROM THE PRODUCTION OF METHYL BROMIDE.	
Waste Code: Waste Code Desc:					K136 STILL BOTTOMS FROM THE PURIFICATION OF ETHYLENE DIBROMIDE IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.	
Waste Code: Waste Code Desc:					K141 PROCESS RESIDUES FROM THE RECOVERY OF COAL TAR, INCLUDING, BUT NOT LIMITED TO, TAR COLLECTING SUMP RESIDUES FROM THE PRODUCTION OF COKE FROM COAL OR THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL. THIS LISTING DOES NOT INCLUDE K087 (DECANTER TANK SLUDGE FROM COKING OPERATIONS).	
Waste Code: Waste Code Desc:					K142 TANK STORAGE RESIDUES FROM THE PRODUCTION OF COKE FROM COAL OR FROM THE RECOVERY OF COKE BY-PRODUCTS FROM COAL.	
Waste Code: Waste Code Desc:					K143 PROCESS RESIDUES FROM THE RECOVERY OF LIGHT OIL, INCLUDING, BUT NOT LIMITED TO, THOSE GENERATED IN STILLs, DECANTERS, AND WASH OIL RECOVERY UNITS FROM THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL.	
Waste Code: Waste Code Desc:					K144 WASTEWATER SUMP RESIDUES FROM LIGHT OIL REFINING, INCLUDING, BUT NOT LIMITED TO, INTERCEPTING OR CONTAMINATION SUMP SLUDGES FROM THE RECOVERY OF COKE BY-PRODUCTS	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					PRODUCED FROM COAL.	
Waste Code:					K145	
Waste Code Desc:					RESIDUES FROM NAPHTHALENE COLLECTION AND RECOVERY OPERATIONS FROM THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL.	
Waste Code:					K147	
Waste Code Desc:					TAR STORAGE RESIDUES FROM COAL TAR REFINING.	
Waste Code:					K148	
Waste Code Desc:					RESIDUES FROM COAL TAR DISTILLATION, INCLUDING, BUT NOT LIMITED TO, STILL BOTTOMS.	
Waste Code:					K156	
Waste Code Desc:					ORGANIC WASTE (INCLUDING HEAVY ENDS, STILL BOTTOMS, LIGHT ENDS, SPENT SOLVENTS, FILTRATES, AND DECANTATES) FROM THE PRODUCTION OF CARBAMATES AND CARBAMOYL OXIMES.	
Waste Code:					K157	
Waste Code Desc:					WASTEWATERS (INCLUDING SCRUBBER WATERS, CONDENSER WATERS, WASHWATERS, AND SEPARATION WATERS) FROM THE PRODUCTION OF CARBAMATES AND CARBAMOYL OXIMES.	
Waste Code:					K158	
Waste Code Desc:					BAG HOUSE DUSTS AND FILTER/SEPARATION SOLIDS FROM THE PRODUCTION OF CARBAMATES AND CARBAMOYL OXIMES.	
Waste Code:					K159	
Waste Code Desc:					ORGANICS FROM THE TREATMENT OF THIOCARBAMATE WASTES.	
Waste Code:					K160	
Waste Code Desc:					SOLIDS (INCLUDING FILTER WASTES, SEPARATION SOLIDS, AND SPENT CATALYSTS) FROM THE PRODUCTION OF THIOCARBAMATES AND SOLIDS FROM THE TREATMENT OF THIOCARBAMATE WASTES.	
Waste Code:					K161	
Waste Code Desc:					PURIFICATION SOLIDS (INCLUDING FILTRATION, EVAPORATION, AND CENTRIFUGATION SOLIDS), BAG HOUSE DUST AND FLOOR SWEEPINGS FROM THE PRODUCTION OF DITHIOCARBAMATE ACIDS AND THEIR SALTS. (THIS LISTING DOES NOT INCLUDE K125 OR K126).	
Waste Code:					P001	
Waste Code Desc:					2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%	
Waste Code:					P002	
Waste Code Desc:					1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-	
Waste Code:					P003	
Waste Code Desc:					2-PROPENAL (OR) ACROLEIN	
Waste Code:					P004	
Waste Code Desc:					1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN	
Waste Code:					P005	
Waste Code Desc:					2-PROPEN-1-OL (OR) ALLYL ALCOHOL	
Waste Code:					P006	
Waste Code Desc:					ALUMINUM PHOSPHIDE (R,T)	
Waste Code:					P007	
Waste Code Desc:					3(2H)-ISOXAZOLONE, 5-(AMINOMETHYL)- (OR) 5-(AMINOMETHYL)-3-ISOXAZOLOL	
Waste Code:					P008	
Waste Code Desc:					4-AMINOPYRIDINE (OR) 4-PYRIDINAMINE	
Waste Code:					P009	
Waste Code Desc:					AMMONIUM PICRATE (R) (OR) PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (R)	
Waste Code:					P010	
Waste Code Desc:					ARSENIC ACID H3ASO4	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		P011				
Waste Code Desc:		ARSENIC OXIDE AS ₂ O ₅ (OR) ARSENIC PENTOXIDE				
Waste Code:		P012				
Waste Code Desc:		ARSENIC OXIDE AS ₂ O ₃ (OR) ARSENIC TRIOXIDE				
Waste Code:		P013				
Waste Code Desc:		BARIUM CYANIDE				
Waste Code:		P014				
Waste Code Desc:		BENZENETHIOL (OR) THIOPHENOL				
Waste Code:		P015				
Waste Code Desc:		BERYLLIUM				
Waste Code:		P016				
Waste Code Desc:		DICHLOROMETHYL ETHER (OR) METHANE, OXYBIS[CHLORO-				
Waste Code:		P017				
Waste Code Desc:		2-PROPANONE, 1-BROMO- (OR) BROMOACETONE				
Waste Code:		P018				
Waste Code Desc:		BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-				
Waste Code:		P020				
Waste Code Desc:		DINOSEB (OR) PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-				
Waste Code:		P021				
Waste Code Desc:		CALCIUM CYANIDE (OR) CALCIUM CYANIDE CA(CN) ₂				
Waste Code:		P022				
Waste Code Desc:		CARBON DISULFIDE				
Waste Code:		P023				
Waste Code Desc:		ACETALDEHYDE, CHLORO- (OR) CHLOROACETALDEHYDE				
Waste Code:		P024				
Waste Code Desc:		BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE				
Waste Code:		P026				
Waste Code Desc:		1-(O-CHLOROPHENYL)THIOUREA (OR) THIOUREA, (2-CHLOROPHENYL)-				
Waste Code:		P027				
Waste Code Desc:		3-CHLOROPROPIONITRILE (OR) PROPANENITRILE, 3-CHLORO-				
Waste Code:		P028				
Waste Code Desc:		BENZENE, (CHLOROMETHYL)- (OR) BENZYL CHLORIDE				
Waste Code:		P029				
Waste Code Desc:		COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)				
Waste Code:		P030				
Waste Code Desc:		CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED				
Waste Code:		P031				
Waste Code Desc:		CYANOGEN (OR) ETHANEDINITRILE				
Waste Code:		P033				
Waste Code Desc:		CYANOGEN CHLORIDE (OR) CYANOGEN CHLORIDE (CN)CL				
Waste Code:		P034				
Waste Code Desc:		2-CYCLOHEXYL-4,6-DINITROPHENOL (OR) PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-				
Waste Code:		P036				
Waste Code Desc:		ARSONOUS DICHLORIDE, PHENYL- (OR) DICHLOROPHENYLARSINE				
Waste Code:		P037				
Waste Code Desc:		2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		P038				
Waste Code Desc:		ARSINE, DIETHYL- (OR) DIETHYLARSINE				
Waste Code:		P039				
Waste Code Desc:		DISULFOTON (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER				
Waste Code:		P040				
Waste Code Desc:		O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-PYRAZINYL ESTER				
Waste Code:		P041				
Waste Code Desc:		DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER				
Waste Code:		P042				
Waste Code Desc:		1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE				
Waste Code:		P043				
Waste Code Desc:		DIISOPROPYLFLUOROPHOSPHATE (DFP) (OR) PHOSPHOROFUORIDIC ACID, BIS(1-METHYLETHYL) ESTER				
Waste Code:		P044				
Waste Code Desc:		DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER				
Waste Code:		P045				
Waste Code Desc:		2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-[METHYLAMINO)CARBONYL] OXIME (OR) THIOFANOX				
Waste Code:		P046				
Waste Code Desc:		ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-				
Waste Code:		P047				
Waste Code Desc:		4,6-DINITRO-O-CRESOL, & SALTS (OR) PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS				
Waste Code:		P048				
Waste Code Desc:		2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-				
Waste Code:		P049				
Waste Code Desc:		DITHIOBIURET (OR) THIOIMIDODICARBONIC DIAMIDE [(H2N)C(S)]2NH				
Waste Code:		P050				
Waste Code Desc:		6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6,9,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN				
Waste Code:		P051				
Waste Code Desc:		2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES				
Waste Code:		P054				
Waste Code Desc:		AZIRIDINE (OR) ETHYLENEIMINE				
Waste Code:		P056				
Waste Code Desc:		FLUORINE				
Waste Code:		P057				
Waste Code Desc:		ACETAMIDE, 2-FLUORO- (OR) FLUOROACETAMIDE				
Waste Code:		P058				
Waste Code Desc:		ACETIC ACID, FLUORO-, SODIUM SALT (OR) FLUOROACETIC ACID, SODIUM SALT				
Waste Code:		P059				
Waste Code Desc:		4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR				
Waste Code:		P060				
Waste Code Desc:		1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN				
Waste Code:		P062				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Waste Code Desc:		HEXAETHYL TETRAPHOSPHATE (OR) TETRAPHOSPHORIC ACID, HEXAETHYL ESTER				
Waste Code:		P063				
Waste Code Desc:		HYDROCYANIC ACID (OR) HYDROGEN CYANIDE				
Waste Code:		P064				
Waste Code Desc:		METHANE, ISOCYANATO- (OR) METHYL ISOCYANATE				
Waste Code:		P065				
Waste Code Desc:		FULMINIC ACID, MERCURY(2+) SALT (R,T) (OR) MERCURY FULMINATE (R,T)				
Waste Code:		P066				
Waste Code Desc:		ETHANIMIDOTHIOIC ACID, N-[[[(METHYLAMINO)CARBONYL]OXY]-, METHYL ESTER (OR) METHOMYL				
Waste Code:		P067				
Waste Code Desc:		1,2-PROPYLENIMINE (OR) AZIRIDINE, 2-METHYL-				
Waste Code:		P068				
Waste Code Desc:		HYDRAZINE, METHYL- (OR) METHYL HYDRAZINE				
Waste Code:		P069				
Waste Code Desc:		2-METHYLLACTONITRILE (OR) PROPANENITRILE, 2-HYDROXY-2-METHYL-				
Waste Code:		P070				
Waste Code Desc:		ALDICARB (OR) PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-[(METHYLAMINO)CARBONYL]OXIME				
Waste Code:		P071				
Waste Code Desc:		METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER				
Waste Code:		P072				
Waste Code Desc:		ALPHA-NAPHTHYLTHIOUREA (OR) THIOUREA, 1-NAPHTHALENYL-				
Waste Code:		P073				
Waste Code Desc:		NICKEL CARBONYL (OR) NICKEL CARBONYL NI(CO)4, (T-4)-				
Waste Code:		P074				
Waste Code Desc:		NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2				
Waste Code:		P075				
Waste Code Desc:		NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS				
Waste Code:		P076				
Waste Code Desc:		NITRIC OXIDE (OR) NITROGEN OXIDE NO				
Waste Code:		P077				
Waste Code Desc:		BENZENAMINE, 4-NITRO- (OR) P-NITROANILINE				
Waste Code:		P078				
Waste Code Desc:		NITROGEN DIOXIDE (OR) NITROGEN OXIDE NO2				
Waste Code:		P081				
Waste Code Desc:		1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)				
Waste Code:		P082				
Waste Code Desc:		METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE				
Waste Code:		P084				
Waste Code Desc:		N-NITROSOMETHYLVINYLAMINE (OR) VINYLAMINE, N-METHYL-N-NITROSO-				
Waste Code:		P085				
Waste Code Desc:		DIPHOSPHORAMIDE, OCTAMETHYL- (OR) OCTAMETHYLPYROPHOSPHORAMIDE				
Waste Code:		P087				
Waste Code Desc:		OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE				
Waste Code:		P088				
Waste Code Desc:		7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID (OR) ENDOTHALL				
Waste Code:		P089				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Desc:		PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER				
Waste Code:		P092				
Waste Code Desc:		MERCURY, (ACETATO-O)PHENYL- (OR) PHENYLMERCURY ACETATE				
Waste Code:		P093				
Waste Code Desc:		PHENYLTHIOUREA (OR) THIOUREA, PHENYL-				
Waste Code:		P094				
Waste Code Desc:		PHORATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER				
Waste Code:		P095				
Waste Code Desc:		CARBONIC DICHLORIDE (OR) PHOSGENE				
Waste Code:		P096				
Waste Code Desc:		HYDROGEN PHOSPHIDE (OR) PHOSPHINE				
Waste Code:		P097				
Waste Code Desc:		FAMPHUR (OR) PHOSPHOROTHIOIC ACID O-[4-[(DIMETHYLAMINO)SULFONYL]PHENYL] O,O-DIMETHYL ESTER				
Waste Code:		P098				
Waste Code Desc:		POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)				
Waste Code:		P099				
Waste Code Desc:		ARGENTATE (1-), BIS(CYANO-C)-, POTASSIUM (OR) POTASSIUM SILVER CYANIDE				
Waste Code:		P101				
Waste Code Desc:		ETHYL CYANIDE (OR) PROPANENITRILE				
Waste Code:		P102				
Waste Code Desc:		2-PROPYN-1-OL (OR) PROPARGYL ALCOHOL				
Waste Code:		P103				
Waste Code Desc:		SELENOUREA				
Waste Code:		P104				
Waste Code Desc:		SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)				
Waste Code:		P105				
Waste Code Desc:		SODIUM AZIDE				
Waste Code:		P106				
Waste Code Desc:		SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)				
Waste Code:		P107				
Waste Code Desc:		STRONTIUM SULFIDE SRS				
Waste Code:		P108				
Waste Code Desc:		STRYCHNIDIN-10-ONE, & SALTS (OR) STRYCHNINE, & SALTS				
Waste Code:		P109				
Waste Code Desc:		TETRAETHYLDITHIOPYROPHOSPHATE (OR) THIODIPHOSPHORIC ACID, TETRAETHYL ESTER				
Waste Code:		P110				
Waste Code Desc:		PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD				
Waste Code:		P111				
Waste Code Desc:		DIPHOSPHORIC ACID, TETRAETHYL ESTER (OR) TETRAETHYL PYROPHOSPHATE				
Waste Code:		P112				
Waste Code Desc:		METHANE, TETRANITRO- (R) (OR) TETRANITROMETHANE (R)				
Waste Code:		P113				
Waste Code Desc:		THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3				
Waste Code:		P114				
Waste Code Desc:		SELENIOS ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SELENITE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		P115				
Waste Code Desc:		SULFURIC ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SULFATE				
Waste Code:		P116				
Waste Code Desc:		HYDRAZINECARBOTHIOAMIDE (OR) THIOSEMICARBAZIDE				
Waste Code:		P118				
Waste Code Desc:		METHANETHIOL, TRICHLORO- (OR) TRICHLOROMETHANETHIOL				
Waste Code:		P119				
Waste Code Desc:		AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT				
Waste Code:		P120				
Waste Code Desc:		VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE				
Waste Code:		P121				
Waste Code Desc:		ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2				
Waste Code:		P122				
Waste Code Desc:		ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)				
Waste Code:		P123				
Waste Code Desc:		TOXAPHENE				
Waste Code:		P127				
Waste Code Desc:		7-BENZOFURANOL, 2,3-DIHYDRO-2,2-DIMETHYL-, METHYLCARBAMATE (OR) CARBOFURAN				
Waste Code:		P128				
Waste Code Desc:		PHENOL, 4-(DIMETHYLAMINO)-3,5-DIMETHYL-, METHYLCARBAMATE (ESTER)				
Waste Code:		P185				
Waste Code Desc:		1,3-DITHIOLANE-2-CARBOXALDEHYDE, 2,4-DIMETHYL-, O- [(METHYLAMINO)-CARBONYL]OXIME (OR) TIRPATE				
Waste Code:		P188				
Waste Code Desc:		BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-5-YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE				
Waste Code:		P189				
Waste Code Desc:		CARBAMIC ACID, [(DIBUTYLAMINO)-THIO]METHYL-, 2,3-DIHYDRO-2,2-DIMETHYL -7-BENZOFURANYL ESTER (OR) CARBOSULFAN				
Waste Code:		P190				
Waste Code Desc:		CARBAMIC ACID, METHYL-, 3-METHYLPHENYL ESTER (OR) METOLCARB				
Waste Code:		P191				
Waste Code Desc:		CARBAMIC ACID, DIMETHYL-, 1-[(DIMETHYL-AMINO)CARBONYL]- 5-METHYL-1H- PYRAZOL-3-YL ESTER (OR) DIMETILAN				
Waste Code:		P192				
Waste Code Desc:		ISOLAN (OR) CARBAMIC ACID, DIMETHYL-, 3-METHY-L-(1-METHYLETHYL)-1H- PYRAZOL-5-YL ESTER				
Waste Code:		P194				
Waste Code Desc:		ETHANIMIDOTHIOC ACID, 2-(DIMETHYLAMINO)-N-[(METHYLAMINO) CARBONYL]OXY]-2-OXO-, METHYL ESTER (OR) OXAMYL				
Waste Code:		P196				
Waste Code Desc:		MANGANESE DIMETHYLDITHIOCARBAMATE (OR) MANGANESE, BIS(DIMETHYLCARBAMODITHIOATO-S,S') -,				
Waste Code:		P197				
Waste Code Desc:		FORMPARANATE (OR) METHANIMIDAMIDE, N,N-DIMETHYL-N'-[2-METHYL-4-[(METHYLAMINO)CARBONYL] OXY]PHENYL]				
Waste Code:		P198				
Waste Code Desc:		METHANIMIDAMIDE, N,N-DIMETHYL-N'-[3-[(METHYLAMINO)-CARBONYL]OXY]PHENYL]-, MONOHYDROCHLORIDE (OR) FORMETANATE HYDROCHLORIDE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		P199				
Waste Code Desc:		METHIOCARB (OR) MEXACARBATE (OR) PHENOL, (3,5-DIMETHYL-4-(METHYLTHIO)-, METHYLCARBAMATE				
Waste Code:		P201				
Waste Code Desc:		PHENOL, 3-METHYL-5-(1-METHYLETHYL)-, METHYL CARBAMATE (OR) PROMECARB				
Waste Code:		P202				
Waste Code Desc:		M-CUMENYL METHYLCARBAMATE (OR) 3-ISOPROPYLPHENYL N-METHYLCARBAMATE (OR) PHENOL, 3-(1-METHYLETHYL)-, METHYL CARBAMATE				
Waste Code:		P203				
Waste Code Desc:		ALDICARB SULFONE (OR) PROPANAL, 2-METHYL-2-(METHYL-SULFONYL)-, O-[(METHYLAMINO) CARBONYL] OXIME				
Waste Code:		P204				
Waste Code Desc:		PHYSOSTIGMINE (OR) PYRROLO[2,3-B]INDOL-5-OL, 1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLMETHYLCARBAMATE (ESTER), (3AS-CIS)-				
Waste Code:		P205				
Waste Code Desc:		ZINC, BIS(DIMETHYLCARBAMODITHIOATO-S,S')-, (OR) ZIRAM				
Waste Code:		U001				
Waste Code Desc:		ACETALDEHYDE (I) (OR) ETHANAL (I)				
Waste Code:		U002				
Waste Code Desc:		2-PROPANONE (I) (OR) ACETONE (I)				
Waste Code:		U003				
Waste Code Desc:		ACETONITRILE (I,T)				
Waste Code:		U004				
Waste Code Desc:		ACETOPHENONE (OR) ETHANONE, 1-PHENYL-				
Waste Code:		U005				
Waste Code Desc:		2-ACETYLAMINOFLUORENE (OR) ACETAMIDE, N-9H-FLUOREN-2-YL				
Waste Code:		U006				
Waste Code Desc:		ACETYL CHLORIDE (C,R,T)				
Waste Code:		U007				
Waste Code Desc:		2-PROPENAMIDE (OR) ACRYLAMIDE				
Waste Code:		U008				
Waste Code Desc:		2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)				
Waste Code:		U009				
Waste Code Desc:		2-PROPENENITRILE (OR) ACRYLONITRILE				
Waste Code:		U010				
Waste Code Desc:		AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[AMINOCARBONYLOXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C				
Waste Code:		U011				
Waste Code Desc:		1H-1,2,4-TRIAZOL-3-AMINE (OR) AMITROLE				
Waste Code:		U012				
Waste Code Desc:		ANILINE (I,T) (OR) BENZENAMINE (I,T)				
Waste Code:		U014				
Waste Code Desc:		AURAMINE (OR) BENZENAMINE, 4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYL-				
Waste Code:		U015				
Waste Code Desc:		AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)				
Waste Code:		U016				
Waste Code Desc:		BENZ[C]ACRIDINE				
Waste Code:		U017				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Desc:		BENZAL CHLORIDE (OR) BENZENE, (DICHLOROMETHYL)-				
Waste Code:		U018				
Waste Code Desc:		BENZ[A]ANTHRACENE				
Waste Code:		U019				
Waste Code Desc:		BENZENE (I,T)				
Waste Code:		U020				
Waste Code Desc:		BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)				
Waste Code:		U021				
Waste Code Desc:		[1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE				
Waste Code:		U022				
Waste Code Desc:		BENZO[A]PYRENE				
Waste Code:		U023				
Waste Code Desc:		BENZENE, (TRICHLOROMETHYL)- (OR) BENZOTRICHLORIDE (C,R,T)				
Waste Code:		U024				
Waste Code Desc:		DICHLOROMETHOXY ETHANE (OR) ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-				
Waste Code:		U025				
Waste Code Desc:		DICHLOROETHYL ETHER (OR) ETHANE, 1,1'-OXYBIS[2-CHLORO-				
Waste Code:		U026				
Waste Code Desc:		CHLORNAPHAZIN (OR) NAPHTHALENAMINE, N,N'-BIS(2-CHLOROETHYL)-				
Waste Code:		U027				
Waste Code Desc:		DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-				
Waste Code:		U028				
Waste Code Desc:		1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE				
Waste Code:		U029				
Waste Code Desc:		METHANE, BROMO- (OR) METHYL BROMIDE				
Waste Code:		U030				
Waste Code Desc:		4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-				
Waste Code:		U031				
Waste Code Desc:		1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)				
Waste Code:		U032				
Waste Code Desc:		CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT				
Waste Code:		U033				
Waste Code Desc:		CARBON OXYFLUORIDE (R,T) (OR) CARBONIC DIFLUORIDE				
Waste Code:		U034				
Waste Code Desc:		ACETALDEHYDE, TRICHLORO- (OR) CHLORAL				
Waste Code:		U035				
Waste Code Desc:		BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL				
Waste Code:		U036				
Waste Code Desc:		4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS				
Waste Code:		U037				
Waste Code Desc:		BENZENE, CHLORO- (OR) CHLOROBENZENE				
Waste Code:		U038				
Waste Code Desc:		BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER (OR) CHLOROBENZILATE				
Waste Code:		U039				
Waste Code Desc:		P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		U041				
Waste Code Desc:		EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-				
Waste Code:		U042				
Waste Code Desc:		2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-				
Waste Code:		U043				
Waste Code Desc:		ETHENE, CHLORO- (OR) VINYL CHLORIDE				
Waste Code:		U044				
Waste Code Desc:		CHLOROFORM (OR) METHANE, TRICHLORO-				
Waste Code:		U045				
Waste Code Desc:		METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)				
Waste Code:		U046				
Waste Code Desc:		CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-				
Waste Code:		U047				
Waste Code Desc:		BETA-CHLORONAPHTHALENE (OR) NAPHTHALENE, 2-CHLORO-				
Waste Code:		U048				
Waste Code Desc:		O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-				
Waste Code:		U049				
Waste Code Desc:		4-CHLORO-O-TOLUIDINE, HYDROCHLORIDE (OR) BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE				
Waste Code:		U050				
Waste Code Desc:		CHRYSENE				
Waste Code:		U051				
Waste Code Desc:		CREOSOTE				
Waste Code:		U052				
Waste Code Desc:		CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-				
Waste Code:		U053				
Waste Code Desc:		2-BUTENAL (OR) CROTONALDEHYDE				
Waste Code:		U055				
Waste Code Desc:		BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)				
Waste Code:		U056				
Waste Code Desc:		BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)				
Waste Code:		U057				
Waste Code Desc:		CYCLOHEXANONE (I)				
Waste Code:		U058				
Waste Code Desc:		2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE				
Waste Code:		U059				
Waste Code Desc:		5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN				
Waste Code:		U060				
Waste Code Desc:		BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD				
Waste Code:		U061				
Waste Code Desc:		BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT				
Waste Code:		U062				
Waste Code Desc:		CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER (OR) DIALATE				
Waste Code:		U063				
Waste Code Desc:		DIBENZ[A,H]ANTHRACENE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		U064				
Waste Code Desc:		BENZO[RST]PENTAPHENE (OR) DIBENZO[A,I]PYRENE				
Waste Code:		U066				
Waste Code Desc:		1,2-DIBROMO-3-CHLOROPROPANE (OR) PROPANE, 1,2-DIBROMO-3-CHLORO-				
Waste Code:		U067				
Waste Code Desc:		ETHANE, 1,2-DIBROMO- (OR) ETHYLENE DIBROMIDE				
Waste Code:		U068				
Waste Code Desc:		METHANE, DIBROMO- (OR) METHYLENE BROMIDE				
Waste Code:		U069				
Waste Code Desc:		1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE				
Waste Code:		U070				
Waste Code Desc:		BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE				
Waste Code:		U071				
Waste Code Desc:		BENZENE, 1,3-DICHLORO- (OR) M-DICHLOROBENZENE				
Waste Code:		U072				
Waste Code Desc:		BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE				
Waste Code:		U073				
Waste Code Desc:		[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DICHLORO- (OR) 3,3'-DICHLOROBENZIDINE				
Waste Code:		U074				
Waste Code Desc:		1,4-DICHLORO-2-BUTENE (I,T) (OR) 2-BUTENE, 1,4-DICHLORO- (I,T)				
Waste Code:		U075				
Waste Code Desc:		DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-				
Waste Code:		U076				
Waste Code Desc:		ETHANE, 1,1-DICHLORO- (OR) ETHYLIDENE DICHLORIDE				
Waste Code:		U077				
Waste Code Desc:		ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE				
Waste Code:		U078				
Waste Code Desc:		1,1-DICHLOROETHYLENE (OR) ETHENE, 1,1-DICHLORO-				
Waste Code:		U079				
Waste Code Desc:		1,2-DICHLOROETHYLENE (OR) ETHENE, 1,2-DICHLORO-, (E)-				
Waste Code:		U080				
Waste Code Desc:		METHANE, DICHLORO- (OR) METHYLENE CHLORIDE				
Waste Code:		U081				
Waste Code Desc:		2,4-DICHLOROPHENOL (OR) PHENOL, 2,4-DICHLORO-				
Waste Code:		U082				
Waste Code Desc:		2,6-DICHLOROPHENOL (OR) PHENOL, 2,6-DICHLORO-				
Waste Code:		U083				
Waste Code Desc:		PROPANE, 1,2-DICHLORO- (OR) PROPYLENE DICHLORIDE				
Waste Code:		U084				
Waste Code Desc:		1,3-DICHLOROPROPENE (OR) 1-PROPENE, 1,3-DICHLORO-				
Waste Code:		U085				
Waste Code Desc:		1,2:3,4-DIEPOXYBUTANE (I,T) (OR) 2,2'-BIOXIRANE				
Waste Code:		U086				
Waste Code Desc:		HYDRAZINE, 1,2-DIETHYL- (OR) N,N'-DIETHYLHYDRAZINE				
Waste Code:		U087				
Waste Code Desc:		O,O-DIETHYL S-METHYL DITHIOPHOSPHATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-METHYL				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					ESTER	
Waste Code:					U088	
Waste Code Desc:					1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE	
Waste Code:					U089	
Waste Code Desc:					DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-	
Waste Code:					U090	
Waste Code Desc:					1,3-BENZODIOXOLE, 5-PROPYL- (OR) DIHYDROSAFROLE	
Waste Code:					U091	
Waste Code Desc:					[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHOXY- (OR) 3,3'-DIMETHOXYBENZIDINE	
Waste Code:					U092	
Waste Code Desc:					DIMETHYLAMINE (I) (OR) METHANAMINE, N-METHYL- (I)	
Waste Code:					U093	
Waste Code Desc:					BENZENAMINE, N,N-DIMETHYL-4-(PHENYLAZO)- (OR) P-DIMETHYLAMINOAZOBENZENE	
Waste Code:					U094	
Waste Code Desc:					7,12-DIMETHYLBENZ[A]ANTHRACENE (OR) BENZ[A]ANTHRACENE, 7,12-DIMETHYL-	
Waste Code:					U095	
Waste Code Desc:					[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE	
Waste Code:					U096	
Waste Code Desc:					ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)	
Waste Code:					U097	
Waste Code Desc:					CARBAMIC CHLORIDE, DIMETHYL- (OR) DIMETHYLCARBAMOYL CHLORIDE	
Waste Code:					U098	
Waste Code Desc:					1,1-DIMETHYLHYDRAZINE (OR) HYDRAZINE, 1,1-DIMETHYL-	
Waste Code:					U099	
Waste Code Desc:					1,2-DIMETHYLHYDRAZINE (OR) HYDRAZINE, 1,2-DIPHENYL-	
Waste Code:					U101	
Waste Code Desc:					2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-	
Waste Code:					U102	
Waste Code Desc:					1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE	
Waste Code:					U103	
Waste Code Desc:					DIMETHYL SULFATE (OR) SULFURIC ACID, DIMETHYL ESTER	
Waste Code:					U105	
Waste Code Desc:					2,4-DINITROTOLUENE (OR) BENZENE, 1-METHYL-2,4-DINITRO-	
Waste Code:					U106	
Waste Code Desc:					2,6-DINITROTOLUENE (OR) BENZENE, 2-METHYL-1,3-DINITRO-	
Waste Code:					U107	
Waste Code Desc:					1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER (OR) DI-N-OCTYL PHTHALATE	
Waste Code:					U108	
Waste Code Desc:					1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE	
Waste Code:					U109	
Waste Code Desc:					1,2-DIPHENYLHYDRAZINE (OR) HYDRAZINE, 1,2-DIPHENYL-	
Waste Code:					U110	
Waste Code Desc:					1-PROPANIMINE, N-PROPYL-(I) (OR) DIPROPYLAMINE (I)	
Waste Code:					U111	
Waste Code Desc:					1-PROPANAMINE, N-NITROSO-N-PROPYL- (OR) DI-N-PROPYLNITROSAMINE	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		U112				
Waste Code Desc:		ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)				
Waste Code:		U113				
Waste Code Desc:		2-PROPENOIC ACID, ETHYL ESTER (I) (OR) ETHYL ACRYLATE (I)				
Waste Code:		U114				
Waste Code Desc:		CARBAMODITHIOIC ACID, 1,2-ETHANEDIYLBIS-, SALTS & ESTERS (OR) ETHYLENEBISDITHIOCARBAMIC ACID, SALTS & ESTERS				
Waste Code:		U115				
Waste Code Desc:		ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)				
Waste Code:		U116				
Waste Code Desc:		2-IMIDAZOLIDINETHIONE (OR) ETHYLENETHIOUREA				
Waste Code:		U117				
Waste Code Desc:		ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)				
Waste Code:		U118				
Waste Code Desc:		2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER (OR) ETHYL METHACRYLATE				
Waste Code:		U119				
Waste Code Desc:		ETHYL METHANESULFONATE (OR) METHANESULFONIC ACID, ETHYL ESTER				
Waste Code:		U120				
Waste Code Desc:		FLUORANTHENE				
Waste Code:		U121				
Waste Code Desc:		METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFUOROMETHANE				
Waste Code:		U122				
Waste Code Desc:		FORMALDEHYDE				
Waste Code:		U123				
Waste Code Desc:		FORMIC ACID (C,T)				
Waste Code:		U124				
Waste Code Desc:		FURAN (I) (OR) FURFURAN (I)				
Waste Code:		U125				
Waste Code Desc:		2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)				
Waste Code:		U126				
Waste Code Desc:		GLYCIDYLALDEHYDE (OR) OXIRANECARBOXYALDEHYDE				
Waste Code:		U127				
Waste Code Desc:		BENZENE, HEXACHLORO- (OR) HEXACHLOROBENZENE				
Waste Code:		U128				
Waste Code Desc:		1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO- (OR) HEXACHLOROBUTADIENE				
Waste Code:		U129				
Waste Code Desc:		CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE				
Waste Code:		U130				
Waste Code Desc:		1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO- (OR) HEXACHLOROCYCLOPENTADIENE				
Waste Code:		U131				
Waste Code Desc:		ETHANE, HEXACHLORO- (OR) HEXACHLOROETHANE				
Waste Code:		U132				
Waste Code Desc:		HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-				
Waste Code:		U133				
Waste Code Desc:		HYDRAZINE (R,T)				
Waste Code:		U134				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Desc:		HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)				
Waste Code:		U135				
Waste Code Desc:		HYDROGEN SULFIDE (OR) HYDROGEN SULFIDE H2S				
Waste Code:		U136				
Waste Code Desc:		ARSINIC ACID, DIMETHYL- (OR) CACODYLIC ACID				
Waste Code:		U137				
Waste Code Desc:		INDENO[1,2,3-CD]PYRENE				
Waste Code:		U138				
Waste Code Desc:		METHANE, IODO- (OR) METHYL IODIDE				
Waste Code:		U140				
Waste Code Desc:		1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)				
Waste Code:		U141				
Waste Code Desc:		1,3-BENZODIOXOLE, 5-(1-PROPENYL)- (OR) ISOSAFROLE				
Waste Code:		U142				
Waste Code Desc:		1,3,4-METHENO-2H-CYCLOBUTA[CD]PENTALEN-2-ONE, 1,1A,3,3A,4,5,5,5A,5B,6-DECACHLOROOCCTAHYDRO- (OR) KEPONE				
Waste Code:		U143				
Waste Code Desc:		2-BUTENOIC ACID, 2-METHYL-, 7-[[2,3-DIHYDROXY-2-(1-METHOXYETHYL)-3-METHYL-1-OXOBUTOXY]METHYL]-2,3,5,7A-TETRAHYDRO-1H-PYRROLIZIN-1-YL ESTER, [1S-[1ALPHA(Z), 7(2S*,3R*), 7AALPHA]]- (OR) LASIOCARPINE				
Waste Code:		U144				
Waste Code Desc:		ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE				
Waste Code:		U145				
Waste Code Desc:		LEAD PHOSPHATE (OR) PHOSPHORIC ACID, LEAD(2+) SALT (2:3)				
Waste Code:		U146				
Waste Code Desc:		LEAD SUBACETATE (OR) LEAD, BIS(ACETATO-O)TETRAHYDROXYTRI-				
Waste Code:		U147				
Waste Code Desc:		2,5-FURANDIONE (OR) MALEIC ANHYDRIDE				
Waste Code:		U148				
Waste Code Desc:		3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO- (OR) MALEIC HYDRAZIDE				
Waste Code:		U149				
Waste Code Desc:		MALONONITRILE (OR) PROPANEDINITRILE				
Waste Code:		U150				
Waste Code Desc:		L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN				
Waste Code:		U151				
Waste Code Desc:		MERCURY				
Waste Code:		U152				
Waste Code Desc:		2-PROPENENITRILE, 2-METHYL- (I,T) (OR) METHACRYLONITRILE (I,T)				
Waste Code:		U153				
Waste Code Desc:		METHANETHIOL (I,T) (OR) THIOMETHANOL (I,T)				
Waste Code:		U154				
Waste Code Desc:		METHANOL (I) (OR) METHYL ALCOHOL (I)				
Waste Code:		U155				
Waste Code Desc:		1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-(2-PYRIDINYL-N'-(2-THIENYLMETHYL)- (OR) METHAPYRILENE				
Waste Code:		U156				
Waste Code Desc:		CARBONCHLORIDIC ACID, METHYL ESTER, (I,T) (OR) METHYL CHLOROCARBONATE (I,T)				
Waste Code:		U157				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Desc:		3-METHYLCHOLANTHRENE (OR) BENZ[J]ACEANTHRYLENE, 1,2-DIHYDRO-3-METHYL-				
Waste Code:		U158				
Waste Code Desc:		4,4'-METHYLENEBIS(2-CHLOROANILINE) (OR) BENZENAMINE, 4,4'-METHYLENEBIS[2-CHLORO-				
Waste Code:		U159				
Waste Code Desc:		2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)				
Waste Code:		U160				
Waste Code Desc:		2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)				
Waste Code:		U161				
Waste Code Desc:		4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-				
Waste Code:		U162				
Waste Code Desc:		2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)				
Waste Code:		U163				
Waste Code Desc:		GUANIDINE, N-METHYL-N'-NITRO-N-NITROSO- (OR) MNNG				
Waste Code:		U164				
Waste Code Desc:		4(1H)-PYRIMIDINONE, 2,3-DIHYDRO-6-METHYL-2-THIOXO- (OR) METHYLTHIOURACIL				
Waste Code:		U165				
Waste Code Desc:		NAPHTHALENE				
Waste Code:		U166				
Waste Code Desc:		1,4-NAPHTHALENEDIONE (OR) 1,4-NAPHTHOQUINONE				
Waste Code:		U167				
Waste Code Desc:		1-NAPHTHALENAMINE (OR) ALPHA-NAPHTHYLAMINE				
Waste Code:		U168				
Waste Code Desc:		2-NAPHTHALENAMINE (OR) BETA-NAPHTHYLAMINE				
Waste Code:		U169				
Waste Code Desc:		BENZENE, NITRO- (OR) NITROBENZENE (I,T)				
Waste Code:		U170				
Waste Code Desc:		P-NITROPHENOL (I,T) (OR) PHENOL, 4-NITRO-				
Waste Code:		U171				
Waste Code Desc:		2-NITROPROPANE (I,T) (OR) PROPANE, 2-NITRO- (I,T)				
Waste Code:		U172				
Waste Code Desc:		1-BUTANAMINE, N-BUTYL-N-NITROSO- (OR) N-NITROSODI-N-BUTYLAMINE				
Waste Code:		U173				
Waste Code Desc:		ETHANOL, 2,2'-(NITROSOIMINO)BIS- (OR) N-NITROSODIETHANOLAMINE				
Waste Code:		U174				
Waste Code Desc:		ETHANAMINE, N-ETHYL-N-NITROSO- (OR) N-NITROSODIETHYLAMINE				
Waste Code:		U176				
Waste Code Desc:		N-NITROSO-N-ETHYLUREA (OR) UREA, N-ETHYL-N-NITROSO-				
Waste Code:		U177				
Waste Code Desc:		N-NITROSO-N-METHYLUREA (OR) UREA, N-METHYL-N-NITROSO-				
Waste Code:		U178				
Waste Code Desc:		CARBAMIC ACID, METHYLNITROSO-, ETHYL ESTER (OR) N-NITROSO-N-METHYLURETHANE				
Waste Code:		U179				
Waste Code Desc:		N-NITROSOPIPERIDINE (OR) PIPERIDINE, 1-NITROSO-				
Waste Code:		U180				
Waste Code Desc:		N-NITROSOPYRROLIDINE (OR) PYRROLIDINE, 1-NITROSO-				
Waste Code:		U181				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Waste Code Desc:		5-NITRO-O-TOLUIDINE (OR) BENZENAMINE, 2-METHYL-5-NITRO				
Waste Code:		U182				
Waste Code Desc:		1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE				
Waste Code:		U183				
Waste Code Desc:		BENZENE, PENTACHLORO- (OR) PENTACHLOROBENZENE				
Waste Code:		U184				
Waste Code Desc:		ETHANE, PENTACHLORO- (OR) PENTACHLOROETHANE				
Waste Code:		U185				
Waste Code Desc:		BENZENE, PENTACHLORONITRO- (OR) PENTACHLORONITROBENZENE (PCNB)				
Waste Code:		U186				
Waste Code Desc:		1,3-PENTADIENE (I) (OR) 1-METHYLBUTADIENE (I)				
Waste Code:		U187				
Waste Code Desc:		ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN				
Waste Code:		U188				
Waste Code Desc:		PHENOL				
Waste Code:		U189				
Waste Code Desc:		PHOSPHORUS SULFIDE (R) (OR) SULFUR PHOSPHIDE (R)				
Waste Code:		U190				
Waste Code Desc:		1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE				
Waste Code:		U191				
Waste Code Desc:		2-PICOLINE (OR) PYRIDINE, 2-METHYL-				
Waste Code:		U192				
Waste Code Desc:		BENZAMIDE, 3,5-DICHLORO-N-(1,1-DIMETHYL-2-PROPYNYL)- (OR) PRONAMIDE				
Waste Code:		U193				
Waste Code Desc:		1,2-OXATHIOLANE, 2,2-DIOXIDE (OR) 1,3-PROPANE SULTONE				
Waste Code:		U194				
Waste Code Desc:		1-PROPANAMINE (I,T) (OR) N-PROPYLAMINE (I,T)				
Waste Code:		U196				
Waste Code Desc:		PYRIDINE				
Waste Code:		U197				
Waste Code Desc:		2,5-CYCLOHEXADIENE-1,4-DIONE (OR) P-BENZOQUINONE				
Waste Code:		U200				
Waste Code Desc:		RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL) OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-				
Waste Code:		U201				
Waste Code Desc:		1,3-BENZENEDIOL (OR) RESORCINOL				
Waste Code:		U202				
Waste Code Desc:		1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS				
Waste Code:		U203				
Waste Code Desc:		1,3-BENZODIOXOLE, 5-(2-PROPENYL)- (OR) SAFROLE				
Waste Code:		U204				
Waste Code Desc:		SELENIUS ACID (OR) SELENIUM DIOXIDE				
Waste Code:		U205				
Waste Code Desc:		SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)				
Waste Code:		U206				
Waste Code Desc:		D-GLUCOSE, 2-DEOXY-2-[[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN				

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

Seq No: 5
 Receive Date: 20080404
 Handler Name: COVERIGHT SURFACES USA CO
 Fed Waste Generator: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Notification

Waste Code Details

Waste Code:	D001
Waste Code Desc:	IGNITABLE WASTE
Waste Code:	D002
Waste Code Desc:	CORROSIVE WASTE
Waste Code:	D003
Waste Code Desc:	REACTIVE WASTE
Waste Code:	D004
Waste Code Desc:	ARSENIC
Waste Code:	D005
Waste Code Desc:	BARIUM
Waste Code:	D006
Waste Code Desc:	CADMIUM
Waste Code:	D007
Waste Code Desc:	CHROMIUM
Waste Code:	D008
Waste Code Desc:	LEAD
Waste Code:	D009
Waste Code Desc:	MERCURY
Waste Code:	D010
Waste Code Desc:	SELENIUM
Waste Code:	D011
Waste Code Desc:	SILVER
Waste Code:	D012
Waste Code Desc:	ENDRIN (1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-ENDO, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)
Waste Code:	D013
Waste Code Desc:	LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)
Waste Code:	D014
Waste Code Desc:	METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)
Waste Code:	D015
Waste Code Desc:	TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)
Waste Code:	D016
Waste Code Desc:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D017
Waste Code Desc:	2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)
Waste Code:	D018
Waste Code Desc:	BENZENE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		D019				
Waste Code Desc:		CARBON TETRACHLORIDE				
Waste Code:		D020				
Waste Code Desc:		CHLORDANE				
Waste Code:		D021				
Waste Code Desc:		CHLOROBENZENE				
Waste Code:		D022				
Waste Code Desc:		CHLOROFORM				
Waste Code:		D023				
Waste Code Desc:		O-CRESOL				
Waste Code:		D024				
Waste Code Desc:		M-CRESOL				
Waste Code:		D025				
Waste Code Desc:		P-CRESOL				
Waste Code:		D026				
Waste Code Desc:		CRESOL				
Waste Code:		D027				
Waste Code Desc:		1,4-DICHLOROBENZENE				
Waste Code:		D028				
Waste Code Desc:		1,2-DICHLOROETHANE				
Waste Code:		D029				
Waste Code Desc:		1,1-DICHLOROETHYLENE				
Waste Code:		D030				
Waste Code Desc:		2,4-DINITROTOLUENE				
Waste Code:		D031				
Waste Code Desc:		HEPTACHLOR (AND ITS EPOXIDE)				
Waste Code:		D032				
Waste Code Desc:		HEXACHLOROBENZENE				
Waste Code:		D033				
Waste Code Desc:		HEXACHLOROBUTADIENE				
Waste Code:		D034				
Waste Code Desc:		HEXACHLOROETHANE				
Waste Code:		D035				
Waste Code Desc:		METHYL ETHYL KETONE				
Waste Code:		D036				
Waste Code Desc:		NITROBENZENE				
Waste Code:		D037				
Waste Code Desc:		PENTACHLOROPHENOL				
Waste Code:		D038				
Waste Code Desc:		PYRIDINE				
Waste Code:		D039				
Waste Code Desc:		TETRACHLOROETHYLENE				
Waste Code:		D040				
Waste Code Desc:		TRICHLOROETHYLENE				
Waste Code:		D041				
Waste Code Desc:		2,4,5-TRICHLOROPHENOL				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		D042				
Waste Code Desc:		2,4,6-TRICHLOROPHENOL				
Waste Code:		D043				
Waste Code Desc:		VINYL CHLORIDE				
Waste Code:		F001				
Waste Code Desc:		THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Waste Code:		F002				
Waste Code Desc:		THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Waste Code:		F003				
Waste Code Desc:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Waste Code:		F004				
Waste Code Desc:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Waste Code:		F005				
Waste Code Desc:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Waste Code:		F006				
Waste Code Desc:		WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.				
Waste Code:		F007				
Waste Code Desc:		SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.				
Waste Code:		F008				
Waste Code Desc:		PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.				
Waste Code:		F009				
Waste Code Desc:		SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.				
Waste Code:		F010				
Waste Code Desc:		QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:					F011	
Waste Code Desc:					SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.	
Waste Code:					F012	
Waste Code Desc:					QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.	
Waste Code:					F019	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.	
Waste Code:					F024	
Waste Code Desc:					PROCESS WASTES INCLUDING, BUT NOT LIMITED TO, DISTILLATION RESIDUES, HEAVY ENDS, TARS, AND REACTOR CLEAN-OUT WASTES FROM THE PRODUCTION OF CERTAIN CHLORINATED ALIPHATIC HYDROCARBONS BY FREE RADICAL CATALYZED PROCESSES. THESE CHLORINATED ALIPHATIC HYDROCARBONS ARE THOSE HAVING CARBON CHAIN LENGTHS RANGING FROM ONE TO, AND INCLUDING FIVE, WITH VARYING AMOUNTS AND POSITIONS OF CHLORINE SUBSTITUTION. (THIS LISTING DOES NOT INCLUDE WASTEWATERS, WASTEWATER TREATMENT SLUDGE, SPENT CATALYSTS, AND WASTES LISTED IN SECTIONS 261.31. OR 261.32)	
Waste Code:					F028	
Waste Code Desc:					RESIDUES RESULTING FROM THE INCINERATION OR THERMAL TREATMENT OF SOIL CONTAMINATED WITH EPA HAZARDOUS WASTE NOS. F020, F021, F022, F023, F026, AND F027.	
Waste Code:					F032	
Waste Code Desc:					WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT CURRENTLY USE, OR HAVE PREVIOUSLY USED, CHLOROPHENOLIC FORMULATIONS [EXCEPT POTENTIALLY CROSS-CONTAMINATED WASTES THAT HAVE HAD THE F032 WASTE CODE DELETED IN ACCORDANCE WITH SECTION 261.35 (I.E., THE NEWLY PROMULGATED EQUIPMENT CLEANING OR REPLACEMENT STANDARDS), AND WHERE THE GENERATOR DOES NOT RESUME OR INITIATE USE OF CHLOROPHENOLIC FORMULATIONS]. (THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.)	
Waste Code:					F034	
Waste Code Desc:					WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE CREOSOTE FORMULATIONS. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.	
Waste Code:					F035	
Waste Code Desc:					WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE INORGANIC PRESERVATIVES CONTAINING ARSENIC OR CHROMIUM. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.	
Waste Code:					F037	
Waste Code Desc:					PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE, BUT ARE NOT LIMITED TO, THOSE GENERATED IN OIL/WATER/SOLIDS SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORM WATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGES GENERATED IN STORM WATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.	
Waste Code:					F038	
Waste Code Desc:					PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					<p>FLOATS GENERATED IN INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND F037, K048, AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.</p> <p>Waste Code: F039</p> <p>Waste Code Desc: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)</p> <p>Waste Code: K001</p> <p>Waste Code Desc: BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATERS FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.</p> <p>Waste Code: K002</p> <p>Waste Code Desc: WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME YELLOW AND ORANGE PIGMENTS.</p> <p>Waste Code: K003</p> <p>Waste Code Desc: WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF MOLYBDATE ORANGE PIGMENTS.</p> <p>Waste Code: K004</p> <p>Waste Code Desc: WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF ZINC YELLOW PIGMENTS.</p> <p>Waste Code: K005</p> <p>Waste Code Desc: WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME GREEN PIGMENTS.</p> <p>Waste Code: K006</p> <p>Waste Code Desc: WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME OXIDE GREEN PIGMENTS (ANHYDROUS AND HYDRATED).</p> <p>Waste Code: K007</p> <p>Waste Code Desc: WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF IRON BLUE PIGMENTS.</p> <p>Waste Code: K008</p> <p>Waste Code Desc: OVEN RESIDUE FROM THE PRODUCTION OF CHROME OXIDE GREEN PIGMENTS.</p> <p>Waste Code: K009</p> <p>Waste Code Desc: DISTILLATION BOTTOMS FROM THE PRODUCTION OF ACETALDEHYDE FROM ETHYLENE.</p> <p>Waste Code: K010</p> <p>Waste Code Desc: DISTILLATION SIDE CUTS FROM THE PRODUCTION OF ACETALDEHYDE FROM ETHYLENE.</p> <p>Waste Code: K011</p> <p>Waste Code Desc: BOTTOM STREAM FROM THE WASTEWATER STRIPPER IN THE PRODUCTION OF ACRYLONITRILE.</p> <p>Waste Code: K013</p> <p>Waste Code Desc: BOTTOM STREAM FROM THE ACETONITRILE COLUMN IN THE PRODUCTION OF ACRYLONITRILE.</p> <p>Waste Code: K014</p> <p>Waste Code Desc: BOTTOMS FROM THE ACETONITRILE PURIFICATION COLUMN IN THE PRODUCTION OF ACRYLONITRILE.</p> <p>Waste Code: K015</p> <p>Waste Code Desc: STILL BOTTOMS FROM THE DISTILLATION OF BENZYL CHLORIDE.</p> <p>Waste Code: K016</p> <p>Waste Code Desc: HEAVY ENDS OR DISTILLATION RESIDUES FROM THE PRODUCTION OF CARBON TETRACHLORIDE.</p> <p>Waste Code: K017</p> <p>Waste Code Desc: HEAVY ENDS (STILL BOTTOMS) FROM THE PURIFICATION COLUMN IN THE PRODUCTION OF EPOCHLOROHYDRIN.</p> <p>Waste Code: K018</p> <p>Waste Code Desc: HEAVY ENDS FROM THE FRACTIONATION COLUMN IN ETHYL CHLORIDE PRODUCTION.</p> <p>Waste Code: K019</p>	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Desc:					HEAVY ENDS FROM THE DISTILLATION OF ETHYLENE DICHLORIDE IN ETHYLENE DICHLORIDE PRODUCTION.	
Waste Code:					K020	
Waste Code Desc:					HEAVY ENDS FROM THE DISTILLATION OF VINYL CHLORIDE IN VINYL CHLORIDE MONOMER PRODUCTION.	
Waste Code:					K021	
Waste Code Desc:					AQUEOUS SPENT ANTIMONY CATALYST WASTE FROM FLUOROMETHANE PRODUCTION.	
Waste Code:					K022	
Waste Code Desc:					DISTILLATION BOTTOM TARS FROM THE PRODUCTION OF PHENOL/ACETONE FROM CUMENE.	
Waste Code:					K023	
Waste Code Desc:					DISTILLATION LIGHT ENDS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM NAPHTHALENE.	
Waste Code:					K024	
Waste Code Desc:					DISTILLATION BOTTOMS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM NAPHTHALENE.	
Waste Code:					K025	
Waste Code Desc:					DISTILLATION BOTTOMS FROM THE PRODUCTION OF NITROBENZENE BY THE NITRATION OF BENZENE.	
Waste Code:					K026	
Waste Code Desc:					STRIPPING STILL TAILS FROM THE PRODUCTION OF METHYL ETHYL PYRIDINES.	
Waste Code:					K027	
Waste Code Desc:					CENTRIFUGE AND DISTILLATION RESIDUES FROM TOLUENE DIISOCYANATE PRODUCTION.	
Waste Code:					K028	
Waste Code Desc:					SPENT CATALYST FROM THE HYDROCHLORINATOR REACTOR IN THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.	
Waste Code:					K029	
Waste Code Desc:					WASTE FROM THE PRODUCT STEAM STRIPPER IN THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.	
Waste Code:					K030	
Waste Code Desc:					COLUMN BOTTOMS OR HEAVY ENDS FROM THE COMBINED PRODUCTION OF TRICHLOROETHYLENE AND PERCHLOROETHYLENE.	
Waste Code:					K031	
Waste Code Desc:					BY-PRODUCT SALTS GENERATED IN THE PRODUCTION OF MSMA AND CACODYLIC ACID.	
Waste Code:					K032	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHLORDANE.	
Waste Code:					K033	
Waste Code Desc:					WASTEWATER AND SCRUB WATER FROM THE CHLORINATION OF CYCLOPENTADIENE IN THE PRODUCTION OF CHLORDANE.	
Waste Code:					K034	
Waste Code Desc:					FILTER SOLIDS FROM THE FILTRATION OF HEXACHLOROCYCLOPENTADIENE IN THE PRODUCTION OF CHLORDANE.	
Waste Code:					K035	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGES GENERATED IN THE PRODUCTION OF CREOSOTE.	
Waste Code:					K036	
Waste Code Desc:					STILL BOTTOMS FROM TOLUENE RECLAMATION DISTILLATION IN THE PRODUCTION OF DISULFOTON.	
Waste Code:					K037	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGES FROM THE PRODUCTION OF DISULFOTON.	
Waste Code:					K038	
Waste Code Desc:					WASTEWATER FROM THE WASHING AND STRIPPING OF PHORATE PRODUCTION.	
Waste Code:					K039	
Waste Code Desc:					FILTER CAKE FROM THE FILTRATION OF DIETHYLPHOSPHORODITHIOIC ACID IN THE PRODUCTION OF PHORATE.	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:					K040	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF PHORATE.	
Waste Code:					K041	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF TOXAPHENE.	
Waste Code:					K042	
Waste Code Desc:					HEAVY ENDS OR DISTILLATION RESIDUES FROM THE DISTILLATION OF TETRACHLOROBENZENE IN THE PRODUCTION OF 2,4,5-T.	
Waste Code:					K043	
Waste Code Desc:					2,6-DICHLOROPHENOL WASTE FROM THE PRODUCTION OF 2,4-D.	
Waste Code:					K044	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING AND PROCESSING OF EXPLOSIVES.	
Waste Code:					K045	
Waste Code Desc:					SPENT CARBON FROM THE TREATMENT OF WASTEWATER CONTAINING EXPLOSIVES.	
Waste Code:					K046	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.	
Waste Code:					K047	
Waste Code Desc:					PINK/RED WATER FROM TNT OPERATIONS.	
Waste Code:					K048	
Waste Code Desc:					DISSOLVED AIR FLOTATION (DAF) FLOAT FROM THE PETROLEUM REFINING INDUSTRY.	
Waste Code:					K049	
Waste Code Desc:					SLOP OIL EMULSION SOLIDS FROM THE PETROLEUM REFINING INDUSTRY.	
Waste Code:					K050	
Waste Code Desc:					HEAT EXCHANGER BUNDLE CLEANING SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.	
Waste Code:					K051	
Waste Code Desc:					API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.	
Waste Code:					K052	
Waste Code Desc:					TANK BOTTOMS (LEADED) FROM THE PETROLEUM REFINING INDUSTRY.	
Waste Code:					K060	
Waste Code Desc:					AMMONIA STILL LIME SLUDGE FROM COKING OPERATIONS.	
Waste Code:					K061	
Waste Code Desc:					EMISSION CONTROL DUST/SLUDGE FROM THE PRIMARY PRODUCTION OF STEEL IN ELECTRIC FURNACES.	
Waste Code:					K062	
Waste Code Desc:					SPENT PICKLE LIQUOR FROM STEEL FINISHING OPERATIONS OF PLANTS THAT PRODUCE IRON OR STEEL.	
Waste Code:					K064	
Waste Code Desc:					ACID PLANT BLOWDOWN SLURRY/SLUDGE RESULTING FROM THE THICKENING OF BLOWDOWN SLURRY FROM PRIMARY COPPER PRODUCTION.	
Waste Code:					K065	
Waste Code Desc:					SURFACE IMPOUNDMENT SOLIDS CONTAINED IN AND DREDGED FROM SURFACE IMPOUNDMENTS AT PRIMARY LEAD SMELTING FACILITIES.	
Waste Code:					K066	
Waste Code Desc:					SLUDGE FROM TREATMENT OF PROCESS WASTEWATER AND/OR ACID PLANT BLOWDOWN FROM PRIMARY ZINC PRODUCTION.	
Waste Code:					K069	
Waste Code Desc:					EMISSION CONTROL DUST/SLUDGE FROM SECONDARY LEAD SMELTING.	
Waste Code:					K071	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Desc:					BRINE PURIFICATION MUDS FROM THE MERCURY CELL PROCESS IN CHLORINE PRODUCTION, IN WHICH SEPARATELY PREPURIFIED BRINE IS NOT USED.	
Waste Code:					K073	
Waste Code Desc:					CHLORINATED HYDROCARBON WASTE FROM THE PURIFICATION STEP OF THE DIAPHRAGM CELL PROCESS USING GRAPHITE ANODES IN CHLORINE PRODUCTION.	
Waste Code:					K083	
Waste Code Desc:					DISTILLATION BOTTOMS FROM ANILINE PRODUCTION.	
Waste Code:					K084	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGES GENERATED DURING THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.	
Waste Code:					K085	
Waste Code Desc:					DISTILLATION OR FRACTIONATION COLUMN BOTTOMS FROM THE PRODUCTION OF CHLOROBENZENES.	
Waste Code:					K086	
Waste Code Desc:					SOLVENT WASHES AND SLUDGES, CAUSTIC WASHES AND SLUDGES, OR WATER WASHES AND SLUDGES FROM CLEANING TUBS AND EQUIPMENT USED IN THE FORMULATION OF INK FROM PIGMENTS, DRIERS, SOAPS, AND STABILIZERS CONTAINING CHROMIUM AND LEAD.	
Waste Code:					K087	
Waste Code Desc:					DECANTER TANK TAR SLUDGE FROM COKING OPERATIONS.	
Waste Code:					K088	
Waste Code Desc:					SPENT POTLINERS FROM PRIMARY ALUMINUM REDUCTION.	
Waste Code:					K090	
Waste Code Desc:					EMISSION CONTROL DUST OR SLUDGE FROM FERROCHROMIUMSILICON PRODUCTION.	
Waste Code:					K091	
Waste Code Desc:					EMISSION CONTROL DUST OR SLUDGE FROM FERROCHROMIUM PRODUCTION.	
Waste Code:					K093	
Waste Code Desc:					DISTILLATION LIGHT ENDS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM ORTHO-XYLENE.	
Waste Code:					K094	
Waste Code Desc:					DISTILLATION BOTTOMS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM ORTHO-XYLENE.	
Waste Code:					K095	
Waste Code Desc:					DISTILLATION BOTTOMS FROM THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.	
Waste Code:					K096	
Waste Code Desc:					HEAVY ENDS FROM THE HEAVY ENDS COLUMN FROM THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.	
Waste Code:					K097	
Waste Code Desc:					VACUUM STRIPPER DISCHARGE FROM THE CHLORDANE CHLORINATOR IN THE PRODUCTION OF CHLORDANE.	
Waste Code:					K098	
Waste Code Desc:					UNTREATED PROCESS WASTEWATER FROM THE PRODUCTION OF TOXAPHENE.	
Waste Code:					K099	
Waste Code Desc:					UNTREATED WASTEWATER FROM THE PRODUCTION OF 2,4-D.	
Waste Code:					K100	
Waste Code Desc:					WASTE LEACHING SOLUTION FROM ACID LEACHING OF EMISSION CONTROL DUST/SLUDGE FROM SECONDARY LEAD SMELTING.	
Waste Code:					K101	
Waste Code Desc:					DISTILLATION TAR RESIDUES FROM THE DISTILLATION OF ANILINE-BASED COMPOUNDS IN THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.	
Waste Code:					K102	
Waste Code Desc:					RESIDUE FROM THE USE OF ACTIVATED CARBON FOR DECOLORIZATION IN THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code: Waste Code Desc:					K103 PROCESS RESIDUES FROM ANILINE EXTRACTION FROM THE PRODUCTION OF ANILINE.	
Waste Code: Waste Code Desc:					K104 COMBINED WASTEWATERS GENERATED FROM NITROBENZENE/ANILINE PRODUCTION.	
Waste Code: Waste Code Desc:					K105 SEPARATED AQUEOUS STREAM FROM THE REACTOR PRODUCT WASHING STEP IN THE PRODUCTION OF CHLOROBENZENES.	
Waste Code: Waste Code Desc:					K106 WASTEWATER TREATMENT SLUDGE FROM THE MERCURY CELL PROCESS IN CHLORINE PRODUCTION.	
Waste Code: Waste Code Desc:					K107 COLUMN BOTTOMS FROM PRODUCT SEPARATION FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE (UDMH) FROM CARBOXYLIC ACID HYDRAZIDES.	
Waste Code: Waste Code Desc:					K108 CONDENSED COLUMN OVERHEADS FROM PRODUCT SEPARATION AND CONDENSED REACTOR VENT GASES FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.	
Waste Code: Waste Code Desc:					K109 SPENT FILTER CARTRIDGES FROM PRODUCT PURIFICATION FROM THE PRODUCT OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.	
Waste Code: Waste Code Desc:					K110 CONDENSED COLUMN OVERHEADS FROM INTERMEDIATE SEPARATION FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.	
Waste Code: Waste Code Desc:					K111 PRODUCT WASHWATERS FROM THE PRODUCTION OF DINITROTOLUENE VIA NITRATION OF TOLUENE.	
Waste Code: Waste Code Desc:					K112 REACTION BY-PRODUCT WATER FROM THE DRYING COLUMN IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.	
Waste Code: Waste Code Desc:					K113 CONDENSED LIQUID LIGHT ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.	
Waste Code: Waste Code Desc:					K114 VICINALS FROM THE PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.	
Waste Code: Waste Code Desc:					K115 HEAVY ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.	
Waste Code: Waste Code Desc:					K116 ORGANIC CONDENSATE FROM THE SOLVENT RECOVERY COLUMN IN THE PRODUCTION OF TOLUENE DIISOCYANATE VIA PHOSGENATION OF TOLUENEDIAMINE.	
Waste Code: Waste Code Desc:					K117 WASTEWATER FROM THE REACTOR VENT GAS SCRUBBER IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.	
Waste Code: Waste Code Desc:					K118 SPENT ADSORBENT SOLIDS FROM PURIFICATION OF ETHYLENE DIBROMIDE IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.	
Waste Code: Waste Code Desc:					K123 PROCESS WASTEWATER (INCLUDING SUPERNATES, FILTRATES, AND WASHWATERS) FROM THE PRODUCTION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.	
Waste Code: Waste Code Desc:					K124 REACTOR VENT SCRUBBER WATER FROM THE PRODUCTION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.	
Waste Code: Waste Code Desc:					K125 FILTRATION, EVAPORATION, AND CENTRIFUGATION SOLIDS FROM THE PRODUCTION OF	

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					ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.	
Waste Code:					K126	
Waste Code Desc:					BAGHOUSE DUST AND FLOOR SWEEPINGS IN MILLING AND PACKAGING OPERATIONS FROM PRODUCTION OR FORMULATION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.	
Waste Code:					K131	
Waste Code Desc:					WASTEWATER FROM THE REACTOR AND SPENT SULFURIC ACID FROM THE ACID DRYER FROM THE PRODUCTION OF METHYL BROMIDE.	
Waste Code:					K132	
Waste Code Desc:					SPENT ABSORBENT AND WASTEWATER SEPARATOR SOLIDS FROM THE PRODUCTION OF METHYL BROMIDE.	
Waste Code:					K136	
Waste Code Desc:					STILL BOTTOMS FROM THE PURIFICATION OF ETHYLENE DIBROMIDE IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.	
Waste Code:					K141	
Waste Code Desc:					PROCESS RESIDUES FROM THE RECOVERY OF COAL TAR, INCLUDING, BUT NOT LIMITED TO, TAR COLLECTING SUMP RESIDUES FROM THE PRODUCTION OF COKE FROM COAL OR THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL. THIS LISTING DOES NOT INCLUDE K087 (DECANTER TANK SLUDGE FROM COKING OPERATIONS).	
Waste Code:					K142	
Waste Code Desc:					TANK STORAGE RESIDUES FROM THE PRODUCTION OF COKE FROM COAL OR FROM THE RECOVERY OF COKE BY-PRODUCTS FROM COAL.	
Waste Code:					K143	
Waste Code Desc:					PROCESS RESIDUES FROM THE RECOVERY OF LIGHT OIL, INCLUDING, BUT NOT LIMITED TO, THOSE GENERATED IN STILLs, DECANTERS, AND WASH OIL RECOVERY UNITS FROM THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL.	
Waste Code:					K144	
Waste Code Desc:					WASTEWATER SUMP RESIDUES FROM LIGHT OIL REFINING, INCLUDING, BUT NOT LIMITED TO, INTERCEPTING OR CONTAMINATION SUMP SLUDGES FROM THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL.	
Waste Code:					K145	
Waste Code Desc:					RESIDUES FROM NAPHTHALENE COLLECTION AND RECOVERY OPERATIONS FROM THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL.	
Waste Code:					K147	
Waste Code Desc:					TAR STORAGE RESIDUES FROM COAL TAR REFINING.	
Waste Code:					K148	
Waste Code Desc:					RESIDUES FROM COAL TAR DISTILLATION, INCLUDING, BUT NOT LIMITED TO, STILL BOTTOMS.	
Waste Code:					K156	
Waste Code Desc:					ORGANIC WASTE (INCLUDING HEAVY ENDS, STILL BOTTOMS, LIGHT ENDS, SPENT SOLVENTS, FILTRATES, AND DECANTATES) FROM THE PRODUCTION OF CARBAMATES AND CARBAMOYL OXIMES.	
Waste Code:					K157	
Waste Code Desc:					WASTEWATERS (INCLUDING SCRUBBER WATERS, CONDENSER WATERS, WASHWATERS, AND SEPARATION WATERS) FROM THE PRODUCTION OF CARBAMATES AND CARBAMOYL OXIMES.	
Waste Code:					K158	
Waste Code Desc:					BAG HOUSE DUSTS AND FILTER/SEPARATION SOLIDS FROM THE PRODUCTION OF CARBAMATES AND CARBAMOYL OXIMES.	
Waste Code:					K159	
Waste Code Desc:					ORGANICS FROM THE TREATMENT OF THIOCARBAMATE WASTES.	
Waste Code:					K160	
Waste Code Desc:					SOLIDS (INCLUDING FILTER WASTES, SEPARATION SOLIDS, AND SPENT CATALYSTS) FROM THE PRODUCTION OF THIOCARBAMATES AND SOLIDS FROM THE TREATMENT OF THIOCARBAMATE WASTES.	
Waste Code:					K161	
Waste Code Desc:					PURIFICATION SOLIDS (INCLUDING FILTRATION, EVAPORATION, AND CENTRIFUGATION SOLIDS), BAG	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					HOUSE DUST AND FLOOR SWEEPINGS FROM THE PRODUCTION OF DITHIOCARBAMATE ACIDS AND THEIR SALTS. (THIS LISTING DOES NOT INCLUDE K125 OR K126).	
Waste Code:				P001		
Waste Code Desc:				2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%		
Waste Code:				P002		
Waste Code Desc:				1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-		
Waste Code:				P003		
Waste Code Desc:				2-PROPENAL (OR) ACROLEIN		
Waste Code:				P004		
Waste Code Desc:				1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN		
Waste Code:				P005		
Waste Code Desc:				2-PROPEN-1-OL (OR) ALLYL ALCOHOL		
Waste Code:				P006		
Waste Code Desc:				ALUMINUM PHOSPHIDE (R,T)		
Waste Code:				P007		
Waste Code Desc:				3(2H)-ISOXAZOLONE, 5-(AMINOMETHYL)- (OR) 5-(AMINOMETHYL)-3-ISOXAZOLOL		
Waste Code:				P008		
Waste Code Desc:				4-AMINOPYRIDINE (OR) 4-PYRIDINAMINE		
Waste Code:				P009		
Waste Code Desc:				AMMONIUM PICRATE (R) (OR) PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (R)		
Waste Code:				P010		
Waste Code Desc:				ARSENIC ACID H3ASO4		
Waste Code:				P011		
Waste Code Desc:				ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE		
Waste Code:				P012		
Waste Code Desc:				ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE		
Waste Code:				P013		
Waste Code Desc:				BARIUM CYANIDE		
Waste Code:				P014		
Waste Code Desc:				BENZENETHIOL (OR) THIOPHENOL		
Waste Code:				P015		
Waste Code Desc:				BERYLLIUM		
Waste Code:				P016		
Waste Code Desc:				DICHLOROMETHYL ETHER (OR) METHANE, OXYBIS[CHLORO-		
Waste Code:				P017		
Waste Code Desc:				2-PROPANONE, 1-BROMO- (OR) BROMOACETONE		
Waste Code:				P018		
Waste Code Desc:				BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-		
Waste Code:				P020		
Waste Code Desc:				DINOSEB (OR) PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-		
Waste Code:				P021		
Waste Code Desc:				CALCIUM CYANIDE (OR) CALCIUM CYANIDE CA(CN)2		
Waste Code:				P022		
Waste Code Desc:				CARBON DISULFIDE		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		P023				
Waste Code Desc:		ACETALDEHYDE, CHLORO- (OR) CHLOROACETALDEHYDE				
Waste Code:		P024				
Waste Code Desc:		BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE				
Waste Code:		P026				
Waste Code Desc:		1-(O-CHLOROPHENYL)THIOUREA (OR) THIOUREA, (2-CHLOROPHENYL)-				
Waste Code:		P027				
Waste Code Desc:		3-CHLOROPROPIONITRILE (OR) PROPANENITRILE, 3-CHLORO-				
Waste Code:		P028				
Waste Code Desc:		BENZENE, (CHLOROMETHYL)- (OR) BENZYL CHLORIDE				
Waste Code:		P029				
Waste Code Desc:		COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)				
Waste Code:		P030				
Waste Code Desc:		CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED				
Waste Code:		P031				
Waste Code Desc:		CYANOGEN (OR) ETHANEDINITRILE				
Waste Code:		P033				
Waste Code Desc:		CYANOGEN CHLORIDE (OR) CYANOGEN CHLORIDE (CN)CL				
Waste Code:		P034				
Waste Code Desc:		2-CYCLOHEXYL-4,6-DINITROPHENOL (OR) PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-				
Waste Code:		P036				
Waste Code Desc:		ARSONOUS DICHLORIDE, PHENYL- (OR) DICHLOROPHENYLARSINE				
Waste Code:		P037				
Waste Code Desc:		2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN				
Waste Code:		P038				
Waste Code Desc:		ARSINE, DIETHYL- (OR) DIETHYLARSINE				
Waste Code:		P039				
Waste Code Desc:		DISULFOTON (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER				
Waste Code:		P040				
Waste Code Desc:		O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-PYRAZINYL ESTER				
Waste Code:		P041				
Waste Code Desc:		DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER				
Waste Code:		P042				
Waste Code Desc:		1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE				
Waste Code:		P043				
Waste Code Desc:		DIISOPROPYLFLUOROPHOSPHATE (DFP) (OR) PHOSPHOROFUORIDIC ACID, BIS(1-METHYLETHYL) ESTER				
Waste Code:		P044				
Waste Code Desc:		DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER				
Waste Code:		P045				
Waste Code Desc:		2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-[METHYLAMINO)CARBONYL] OXIME (OR) THIOFANOX				
Waste Code:		P046				
Waste Code Desc:		ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-				
Waste Code:		P047				
Waste Code Desc:		4,6-DINITRO-O-CRESOL, & SALTS (OR) PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Waste Code:		P048				
Waste Code Desc:		2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-				
Waste Code:		P049				
Waste Code Desc:		DITHIOBIURET (OR) THIOIMIDODICARBONIC DIAMIDE [(H2N)C(S)]2NH				
Waste Code:		P050				
Waste Code Desc:		6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6,9,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN				
Waste Code:		P051				
Waste Code Desc:		2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES				
Waste Code:		P054				
Waste Code Desc:		AZIRIDINE (OR) ETHYLENEIMINE				
Waste Code:		P056				
Waste Code Desc:		FLUORINE				
Waste Code:		P057				
Waste Code Desc:		ACETAMIDE, 2-FLUORO- (OR) FLUOROACETAMIDE				
Waste Code:		P058				
Waste Code Desc:		ACETIC ACID, FLUORO-, SODIUM SALT (OR) FLUOROACETIC ACID, SODIUM SALT				
Waste Code:		P059				
Waste Code Desc:		4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR				
Waste Code:		P060				
Waste Code Desc:		1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN				
Waste Code:		P062				
Waste Code Desc:		HEXAETHYL TETRAPHOSPHATE (OR) TETRAPHOSPHORIC ACID, HEXAETHYL ESTER				
Waste Code:		P063				
Waste Code Desc:		HYDROCYANIC ACID (OR) HYDROGEN CYANIDE				
Waste Code:		P064				
Waste Code Desc:		METHANE, ISOCYANATO- (OR) METHYL ISOCYANATE				
Waste Code:		P065				
Waste Code Desc:		FULMINIC ACID, MERCURY(2+) SALT (R,T) (OR) MERCURY FULMINATE (R,T)				
Waste Code:		P066				
Waste Code Desc:		ETHANIMIDOTHIOIC ACID, N-[[[(METHYLAMINO)CARBONYL]OXY]-, METHYL ESTER (OR) METHOMYL				
Waste Code:		P067				
Waste Code Desc:		1,2-PROPYLENIMINE (OR) AZIRIDINE, 2-METHYL-				
Waste Code:		P068				
Waste Code Desc:		HYDRAZINE, METHYL- (OR) METHYL HYDRAZINE				
Waste Code:		P069				
Waste Code Desc:		2-METHYLLACTONITRILE (OR) PROPANENITRILE, 2-HYDROXY-2-METHYL-				
Waste Code:		P070				
Waste Code Desc:		ALDICARB (OR) PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-[(METHYLAMINO)CARBONYL]OXIME				
Waste Code:		P071				
Waste Code Desc:		METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER				
Waste Code:		P072				
Waste Code Desc:		ALPHA-NAPHTHYLTHIOUREA (OR) THIOUREA, 1-NAPHTHALENYL-				
Waste Code:		P073				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Desc:		NICKEL CARBONYL (OR) NICKEL CARBONYL NI(CO)4, (T-4)-				
Waste Code:		P074				
Waste Code Desc:		NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2				
Waste Code:		P075				
Waste Code Desc:		NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS				
Waste Code:		P076				
Waste Code Desc:		NITRIC OXIDE (OR) NITROGEN OXIDE NO				
Waste Code:		P077				
Waste Code Desc:		BENZENAMINE, 4-NITRO- (OR) P-NITROANILINE				
Waste Code:		P078				
Waste Code Desc:		NITROGEN DIOXIDE (OR) NITROGEN OXIDE NO2				
Waste Code:		P081				
Waste Code Desc:		1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)				
Waste Code:		P082				
Waste Code Desc:		METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE				
Waste Code:		P084				
Waste Code Desc:		N-NITROSOMETHYLVINYLAMINE (OR) VINYLAMINE, N-METHYL-N-NITROSO-				
Waste Code:		P085				
Waste Code Desc:		DIPHOSPHORAMIDE, OCTAMETHYL- (OR) OCTAMETHYLPYROPHOSPHORAMIDE				
Waste Code:		P087				
Waste Code Desc:		OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE				
Waste Code:		P088				
Waste Code Desc:		7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID (OR) ENDOTHALL				
Waste Code:		P089				
Waste Code Desc:		PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER				
Waste Code:		P092				
Waste Code Desc:		MERCURY, (ACETATO-O)PHENYL- (OR) PHENYLMERCURY ACETATE				
Waste Code:		P093				
Waste Code Desc:		PHENYLTHIOUREA (OR) THIOUREA, PHENYL-				
Waste Code:		P094				
Waste Code Desc:		PHORATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER				
Waste Code:		P095				
Waste Code Desc:		CARBONIC DICHLORIDE (OR) PHOSGENE				
Waste Code:		P096				
Waste Code Desc:		HYDROGEN PHOSPHIDE (OR) PHOSPHINE				
Waste Code:		P097				
Waste Code Desc:		FAMPHUR (OR) PHOSPHOROTHIOIC ACID O-[4-[(DIMETHYLAMINO)SULFONYL]PHENYL] O,O-DIMETHYL ESTER				
Waste Code:		P098				
Waste Code Desc:		POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)				
Waste Code:		P099				
Waste Code Desc:		ARGENTATE (1-), BIS(CYANO-C)-, POTASSIUM (OR) POTASSIUM SILVER CYANIDE				
Waste Code:		P101				
Waste Code Desc:		ETHYL CYANIDE (OR) PROPANENITRILE				
Waste Code:		P102				
Waste Code Desc:		2-PROPYN-1-OL (OR) PROPARGYL ALCOHOL				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		P103				
Waste Code Desc:		SELENOUREA				
Waste Code:		P104				
Waste Code Desc:		SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)				
Waste Code:		P105				
Waste Code Desc:		SODIUM AZIDE				
Waste Code:		P106				
Waste Code Desc:		SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)				
Waste Code:		P107				
Waste Code Desc:		STRONTIUM SULFIDE SRS				
Waste Code:		P108				
Waste Code Desc:		STRYCHNIDIN-10-ONE, & SALTS (OR) STRYCHNINE, & SALTS				
Waste Code:		P109				
Waste Code Desc:		TETRAETHYLDITHIOPYROPHOSPHATE (OR) THIODIPHOSPHORIC ACID, TETRAETHYL ESTER				
Waste Code:		P110				
Waste Code Desc:		PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD				
Waste Code:		P111				
Waste Code Desc:		DIPHOSPHORIC ACID, TETRAETHYL ESTER (OR) TETRAETHYL PYROPHOSPHATE				
Waste Code:		P112				
Waste Code Desc:		METHANE, TETRANITRO- (R) (OR) TETRANITROMETHANE (R)				
Waste Code:		P113				
Waste Code Desc:		THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3				
Waste Code:		P114				
Waste Code Desc:		SELENIOUS ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SELENITE				
Waste Code:		P115				
Waste Code Desc:		SULFURIC ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SULFATE				
Waste Code:		P116				
Waste Code Desc:		HYDRAZINECARBOTHIOAMIDE (OR) THIOSEMICARBAZIDE				
Waste Code:		P118				
Waste Code Desc:		METHANETHIOL, TRICHLORO- (OR) TRICHLOROMETHANETHIOL				
Waste Code:		P119				
Waste Code Desc:		AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT				
Waste Code:		P120				
Waste Code Desc:		VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE				
Waste Code:		P121				
Waste Code Desc:		ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2				
Waste Code:		P122				
Waste Code Desc:		ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)				
Waste Code:		P123				
Waste Code Desc:		TOXAPHENE				
Waste Code:		P127				
Waste Code Desc:		7-BENZOFURANOL, 2,3-DIHYDRO-2,2-DIMETHYL-, METHYLCARBAMATE (OR) CARBOFURAN				
Waste Code:		P128				
Waste Code Desc:		PHENOL, 4-(DIMETHYLAMINO)-3,5-DIMETHYL-, METHYLCARBAMATE (ESTER)				
Waste Code:		P185				
Waste Code Desc:		1,3-DITHIOLANE-2-CARBOXALDEHYDE, 2,4-DIMETHYL-, O- [(METHYLAMINO)-CARBONYL]OXIME (OR) TIRPATE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		P188				
Waste Code Desc:		BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-5-YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE				
Waste Code:		P189				
Waste Code Desc:		CARBAMIC ACID, [(DIBUTYLAMINO)-THIO]METHYL-, 2,3-DIHYDRO-2,2-DIMETHYL -7-BENZOFURANYL ESTER (OR) CARBOSULFAN				
Waste Code:		P190				
Waste Code Desc:		CARBAMIC ACID, METHYL-, 3-METHYLPHENYL ESTER (OR) METOLCARB				
Waste Code:		P191				
Waste Code Desc:		CARBAMIC ACID, DIMETHYL-, 1-[(DIMETHYL-AMINO)CARBONYL]- 5-METHYL-1H- PYRAZOL-3-YL ESTER (OR) DIMETILAN				
Waste Code:		P192				
Waste Code Desc:		ISOLAN (OR) CARBAMIC ACID, DIMETHYL-, 3-METHY-L-(1-METHYLETHYL)-1H- PYRAZOL-5-YL ESTER				
Waste Code:		P194				
Waste Code Desc:		ETHANIMIDOTHIOC ACID, 2-(DIMETHYLAMINO)-N-[[(METHYLAMINO) CARBONYL]OXY]-2-OXO-, METHYL ESTER (OR) OXAMYL				
Waste Code:		P196				
Waste Code Desc:		MANGANESE DIMETHYLDITHIOCARBAMATE (OR) MANGANESE, BIS(DIMETHYLCARBAMODITHIOATO-S,S')				
Waste Code:		P197				
Waste Code Desc:		FORMPARANATE (OR) METHANIMIDAMIDE, N,N-DIMETHYL-N'-[2-METHYL-4-[[(METHYLAMINO)CARBONYL] OXY]PHENYL]				
Waste Code:		P198				
Waste Code Desc:		METHANIMIDAMIDE, N,N-DIMETHYL-N'-[3-[[(METHYLAMINO)-CARBONYL]OXY]PHENYL]-, MONOHYDROCHLORIDE (OR) FORMETANATE HYDROCHLORIDE				
Waste Code:		P199				
Waste Code Desc:		METHIOCARB (OR) MEXACARBATE (OR) PHENOL, (3,5-DIMETHYL-4-(METHYLTHIO)-, METHYLCARBAMATE				
Waste Code:		P201				
Waste Code Desc:		PHENOL, 3-METHYL-5-(1-METHYLETHYL)-, METHYL CARBAMATE (OR) PROMECARB				
Waste Code:		P202				
Waste Code Desc:		M-CUMENYL METHYLCARBAMATE (OR) 3-ISOPROPYLPHENYL N-METHYLCARBAMATE (OR) PHENOL, 3-(1-METHYLETHYL)-, METHYL CARBAMATE				
Waste Code:		P203				
Waste Code Desc:		ALDICARB SULFONE (OR) PROPANAL, 2-METHYL-2-(METHYL-SULFONYL)-, O-[(METHYLAMINO) CARBONYL] OXIME				
Waste Code:		P204				
Waste Code Desc:		PHYSOSTIGMINE (OR) PYRROLO[2,3-B]INDOL-5-OL, 1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYL-METHYLCARBAMATE (ESTER), (3AS-CIS)-				
Waste Code:		P205				
Waste Code Desc:		ZINC, BIS(DIMETHYLCARBAMODITHIOATO-S,S')-, (OR) ZIRAM				
Waste Code:		U001				
Waste Code Desc:		ACETALDEHYDE (I) (OR) ETHANAL (I)				
Waste Code:		U002				
Waste Code Desc:		2-PROPANONE (I) (OR) ACETONE (I)				
Waste Code:		U003				
Waste Code Desc:		ACETONITRILE (I,T)				
Waste Code:		U004				
Waste Code Desc:		ACETOPHENONE (OR) ETHANONE, 1-PHENYL-				
Waste Code:		U005				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Desc:		2-ACETYLAMINOFUORENE (OR) ACETAMIDE, N-9H-FLUOREN-2-YL				
Waste Code:		U006				
Waste Code Desc:		ACETYL CHLORIDE (C,R,T)				
Waste Code:		U007				
Waste Code Desc:		2-PROPENAMIDE (OR) ACRYLAMIDE				
Waste Code:		U008				
Waste Code Desc:		2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)				
Waste Code:		U009				
Waste Code Desc:		2-PROPENENITRILE (OR) ACRYLONITRILE				
Waste Code:		U010				
Waste Code Desc:		AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[[AMINOCARBONYL)OXY]METHYL]-1,1A, 2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C				
Waste Code:		U011				
Waste Code Desc:		1H-1,2,4-TRIAZOL-3-AMINE (OR) AMITROLE				
Waste Code:		U012				
Waste Code Desc:		ANILINE (I,T) (OR) BENZENAMINE (I,T)				
Waste Code:		U014				
Waste Code Desc:		AURAMINE (OR) BENZENAMINE, 4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYL-				
Waste Code:		U015				
Waste Code Desc:		AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)				
Waste Code:		U016				
Waste Code Desc:		BENZ[C]ACRIDINE				
Waste Code:		U017				
Waste Code Desc:		BENZAL CHLORIDE (OR) BENZENE, (DICHLOROMETHYL)-				
Waste Code:		U018				
Waste Code Desc:		BENZ[A]ANTHRACENE				
Waste Code:		U019				
Waste Code Desc:		BENZENE (I,T)				
Waste Code:		U020				
Waste Code Desc:		BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)				
Waste Code:		U021				
Waste Code Desc:		[1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE				
Waste Code:		U022				
Waste Code Desc:		BENZO[A]PYRENE				
Waste Code:		U023				
Waste Code Desc:		BENZENE, (TRICHLOROMETHYL)- (OR) BENZOTRICHLORIDE (C,R,T)				
Waste Code:		U024				
Waste Code Desc:		DICHLOROMETHOXY ETHANE (OR) ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-				
Waste Code:		U025				
Waste Code Desc:		DICHLOROETHYL ETHER (OR) ETHANE, 1,1'-OXYBIS[2-CHLORO-				
Waste Code:		U026				
Waste Code Desc:		CHLORNAPHAZIN (OR) NAPHTHALENAMINE, N,N'-BIS(2-CHLOROETHYL)-				
Waste Code:		U027				
Waste Code Desc:		DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-				
Waste Code:		U028				
Waste Code Desc:		1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		U029				
Waste Code Desc:		METHANE, BROMO- (OR) METHYL BROMIDE				
Waste Code:		U030				
Waste Code Desc:		4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-				
Waste Code:		U031				
Waste Code Desc:		1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)				
Waste Code:		U032				
Waste Code Desc:		CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT				
Waste Code:		U033				
Waste Code Desc:		CARBON OXYFLUORIDE (R,T) (OR) CARBONIC DIFLUORIDE				
Waste Code:		U034				
Waste Code Desc:		ACETALDEHYDE, TRICHLORO- (OR) CHLORAL				
Waste Code:		U035				
Waste Code Desc:		BENZENE BUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL				
Waste Code:		U036				
Waste Code Desc:		4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS				
Waste Code:		U037				
Waste Code Desc:		BENZENE, CHLORO- (OR) CHLOROBENZENE				
Waste Code:		U038				
Waste Code Desc:		BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER (OR) CHLOROBENZILATE				
Waste Code:		U039				
Waste Code Desc:		P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-				
Waste Code:		U041				
Waste Code Desc:		EPOCHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-				
Waste Code:		U042				
Waste Code Desc:		2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-				
Waste Code:		U043				
Waste Code Desc:		ETHENE, CHLORO- (OR) VINYL CHLORIDE				
Waste Code:		U044				
Waste Code Desc:		CHLOROFORM (OR) METHANE, TRICHLORO-				
Waste Code:		U045				
Waste Code Desc:		METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)				
Waste Code:		U046				
Waste Code Desc:		CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-				
Waste Code:		U047				
Waste Code Desc:		BETA-CHLORONAPHTHALENE (OR) NAPHTHALENE, 2-CHLORO-				
Waste Code:		U048				
Waste Code Desc:		O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-				
Waste Code:		U049				
Waste Code Desc:		4-CHLORO-O-TOLUIDINE, HYDROCHLORIDE (OR) BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE				
Waste Code:		U050				
Waste Code Desc:		CHRYSENE				
Waste Code:		U051				
Waste Code Desc:		CREOSOTE				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
<i>Waste Code:</i>		U052				
<i>Waste Code Desc:</i>		CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-				
<i>Waste Code:</i>		U053				
<i>Waste Code Desc:</i>		2-BUTENAL (OR) CROTONALDEHYDE				
<i>Waste Code:</i>		U055				
<i>Waste Code Desc:</i>		BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)				
<i>Waste Code:</i>		U056				
<i>Waste Code Desc:</i>		BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)				
<i>Waste Code:</i>		U057				
<i>Waste Code Desc:</i>		CYCLOHEXANONE (I)				
<i>Waste Code:</i>		U058				
<i>Waste Code Desc:</i>		2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE				
<i>Waste Code:</i>		U059				
<i>Waste Code Desc:</i>		5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL] OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN				
<i>Waste Code:</i>		U060				
<i>Waste Code Desc:</i>		BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD				
<i>Waste Code:</i>		U061				
<i>Waste Code Desc:</i>		BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT				
<i>Waste Code:</i>		U062				
<i>Waste Code Desc:</i>		CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER (OR) DIALATE				
<i>Waste Code:</i>		U063				
<i>Waste Code Desc:</i>		DIBENZ[A,H]ANTHRACENE				
<i>Waste Code:</i>		U064				
<i>Waste Code Desc:</i>		BENZO[RST]PENTAPHENE (OR) DIBENZO[A,I]PYRENE				
<i>Waste Code:</i>		U066				
<i>Waste Code Desc:</i>		1,2-DIBROMO-3-CHLOROPROPANE (OR) PROPANE, 1,2-DIBROMO-3-CHLORO-				
<i>Waste Code:</i>		U067				
<i>Waste Code Desc:</i>		ETHANE, 1,2-DIBROMO- (OR) ETHYLENE DIBROMIDE				
<i>Waste Code:</i>		U068				
<i>Waste Code Desc:</i>		METHANE, DIBROMO- (OR) METHYLENE BROMIDE				
<i>Waste Code:</i>		U069				
<i>Waste Code Desc:</i>		1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE				
<i>Waste Code:</i>		U070				
<i>Waste Code Desc:</i>		BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE				
<i>Waste Code:</i>		U071				
<i>Waste Code Desc:</i>		BENZENE, 1,3-DICHLORO- (OR) M-DICHLOROBENZENE				
<i>Waste Code:</i>		U072				
<i>Waste Code Desc:</i>		BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE				
<i>Waste Code:</i>		U073				
<i>Waste Code Desc:</i>		[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DICHLORO- (OR) 3,3'-DICHLOROBENZIDINE				
<i>Waste Code:</i>		U074				
<i>Waste Code Desc:</i>		1,4-DICHLORO-2-BUTENE (I,T) (OR) 2-BUTENE, 1,4-DICHLORO- (I,T)				
<i>Waste Code:</i>		U075				
<i>Waste Code Desc:</i>		DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:					U076	
Waste Code Desc:					ETHANE, 1,1-DICHLORO- (OR) ETHYLIDENE DICHLORIDE	
Waste Code:					U077	
Waste Code Desc:					ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE	
Waste Code:					U078	
Waste Code Desc:					1,1-DICHLOROETHYLENE (OR) ETHENE, 1,1-DICHLORO-	
Waste Code:					U079	
Waste Code Desc:					1,2-DICHLOROETHYLENE (OR) ETHENE, 1,2-DICHLORO-, (E)-	
Waste Code:					U080	
Waste Code Desc:					METHANE, DICHLORO- (OR) METHYLENE CHLORIDE	
Waste Code:					U081	
Waste Code Desc:					2,4-DICHLOROPHENOL (OR) PHENOL, 2,4-DICHLORO-	
Waste Code:					U082	
Waste Code Desc:					2,6-DICHLOROPHENOL (OR) PHENOL, 2,6-DICHLORO-	
Waste Code:					U083	
Waste Code Desc:					PROPANE, 1,2-DICHLORO- (OR) PROPYLENE DICHLORIDE	
Waste Code:					U084	
Waste Code Desc:					1,3-DICHLOROPROPENE (OR) 1-PROPENE, 1,3-DICHLORO-	
Waste Code:					U085	
Waste Code Desc:					1,2:3,4-DIEPOXYBUTANE (I,T) (OR) 2,2'-BIOXIRANE	
Waste Code:					U086	
Waste Code Desc:					HYDRAZINE, 1,2-DIETHYL- (OR) N,N'-DIETHYLHYDRAZINE	
Waste Code:					U087	
Waste Code Desc:					O,O-DIETHYL S-METHYL DITHIOPHOSPHATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-METHYL ESTER	
Waste Code:					U088	
Waste Code Desc:					1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE	
Waste Code:					U089	
Waste Code Desc:					DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-	
Waste Code:					U090	
Waste Code Desc:					1,3-BENZODIOXOLE, 5-PROPYL- (OR) DIHYDROSAFROLE	
Waste Code:					U091	
Waste Code Desc:					[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHOXY- (OR) 3,3'-DIMETHOXYBENZIDINE	
Waste Code:					U092	
Waste Code Desc:					DIMETHYLAMINE (I) (OR) METHANAMINE, N-METHYL- (I)	
Waste Code:					U093	
Waste Code Desc:					BENZENAMINE, N,N-DIMETHYL-4-(PHENYLAZO)- (OR) P-DIMETHYLAMINOAZOBENZENE	
Waste Code:					U094	
Waste Code Desc:					7,12-DIMETHYLBENZ[A]ANTHRACENE (OR) BENZ[A]ANTHRACENE, 7,12-DIMETHYL-	
Waste Code:					U095	
Waste Code Desc:					[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE	
Waste Code:					U096	
Waste Code Desc:					ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)	
Waste Code:					U097	
Waste Code Desc:					CARBAMIC CHLORIDE, DIMETHYL- (OR) DIMETHYLCARBAMOYL CHLORIDE	
Waste Code:					U098	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Desc:		1,1-DIMETHYLHYDRAZINE (OR) HYDRAZINE, 1,1-DIMETHYL-				
Waste Code:		U099				
Waste Code Desc:		1,2-DIMETHYLHYDRAZINE (OR) HYDRAZINE, 1,2-DIPHENYL-				
Waste Code:		U101				
Waste Code Desc:		2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-				
Waste Code:		U102				
Waste Code Desc:		1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE				
Waste Code:		U103				
Waste Code Desc:		DIMETHYL SULFATE (OR) SULFURIC ACID, DIMETHYL ESTER				
Waste Code:		U105				
Waste Code Desc:		2,4-DINITROTOLUENE (OR) BENZENE, 1-METHYL-2,4-DINITRO-				
Waste Code:		U106				
Waste Code Desc:		2,6-DINITROTOLUENE (OR) BENZENE, 2-METHYL-1,3-DINITRO-				
Waste Code:		U107				
Waste Code Desc:		1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER (OR) DI-N-OCTYL PHTHALATE				
Waste Code:		U108				
Waste Code Desc:		1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE				
Waste Code:		U109				
Waste Code Desc:		1,2-DIPHENYLHYDRAZINE (OR) HYDRAZINE, 1,2-DIPHENYL-				
Waste Code:		U110				
Waste Code Desc:		1-PROPANIMINE, N-PROPYL-(I) (OR) DIPROPYLAMINE (I)				
Waste Code:		U111				
Waste Code Desc:		1-PROPANAMINE, N-NITROSO-N-PROPYL- (OR) DI-N-PROPYLNITROSAMINE				
Waste Code:		U112				
Waste Code Desc:		ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)				
Waste Code:		U113				
Waste Code Desc:		2-PROPENOIC ACID, ETHYL ESTER (I) (OR) ETHYL ACRYLATE (I)				
Waste Code:		U114				
Waste Code Desc:		CARBAMODITHIOIC ACID, 1,2-ETHANEDIYLBIS-, SALTS & ESTERS (OR) ETHYLENEBISDITHIOCARBAMIC ACID, SALTS & ESTERS				
Waste Code:		U115				
Waste Code Desc:		ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)				
Waste Code:		U116				
Waste Code Desc:		2-IMIDAZOLIDINETHIONE (OR) ETHYLENETHIOUREA				
Waste Code:		U117				
Waste Code Desc:		ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)				
Waste Code:		U118				
Waste Code Desc:		2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER (OR) ETHYL METHACRYLATE				
Waste Code:		U119				
Waste Code Desc:		ETHYL METHANESULFONATE (OR) METHANESULFONIC ACID, ETHYL ESTER				
Waste Code:		U120				
Waste Code Desc:		FLUORANTHENE				
Waste Code:		U121				
Waste Code Desc:		METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFUOROMETHANE				
Waste Code:		U122				
Waste Code Desc:		FORMALDEHYDE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		U123				
Waste Code Desc:		FORMIC ACID (C,T)				
Waste Code:		U124				
Waste Code Desc:		FURAN (I) (OR) FURFURAN (I)				
Waste Code:		U125				
Waste Code Desc:		2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)				
Waste Code:		U126				
Waste Code Desc:		GLYCIDYLALDEHYDE (OR) OXIRANECARBOXYALDEHYDE				
Waste Code:		U127				
Waste Code Desc:		BENZENE, HEXACHLORO- (OR) HEXACHLOROBENZENE				
Waste Code:		U128				
Waste Code Desc:		1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO- (OR) HEXACHLOROBUTADIENE				
Waste Code:		U129				
Waste Code Desc:		CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE				
Waste Code:		U130				
Waste Code Desc:		1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO- (OR) HEXACHLOROCYCLOPENTADIENE				
Waste Code:		U131				
Waste Code Desc:		ETHANE, HEXACHLORO- (OR) HEXACHLOROETHANE				
Waste Code:		U132				
Waste Code Desc:		HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-				
Waste Code:		U133				
Waste Code Desc:		HYDRAZINE (R,T)				
Waste Code:		U134				
Waste Code Desc:		HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)				
Waste Code:		U135				
Waste Code Desc:		HYDROGEN SULFIDE (OR) HYDROGEN SULFIDE H2S				
Waste Code:		U136				
Waste Code Desc:		ARSINIC ACID, DIMETHYL- (OR) CACODYLIC ACID				
Waste Code:		U137				
Waste Code Desc:		INDENO[1,2,3-CD]PYRENE				
Waste Code:		U138				
Waste Code Desc:		METHANE, IODO- (OR) METHYL IODIDE				
Waste Code:		U140				
Waste Code Desc:		1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)				
Waste Code:		U141				
Waste Code Desc:		1,3-BENZODIOXOLE, 5-(1-PROPENYL)- (OR) ISOSAFROLE				
Waste Code:		U142				
Waste Code Desc:		1,3,4-METHENO-2H-CYCLOBUTA[CD]PENTALEN-2-ONE, 1,1A,3,3A,4,5,5,5A,5B,6-DECACHLOROOCCTAHYDRO- (OR) KEPONE				
Waste Code:		U143				
Waste Code Desc:		2-BUTENOIC ACID, 2-METHYL-, 7-[[2,3-DIHYDROXY-2-(1-METHOXYETHYL)-3-METHYL-1-OXOBUTOXY]METHYL]-2,3,5,7A-TETRAHYDRO-1H-PYRROLIZIN-1-YL ESTER, [1S-[1ALPHA(Z), 7(2S*,3R*), 7AALPHA]]- (OR) LASIOCARPINE				
Waste Code:		U144				
Waste Code Desc:		ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE				
Waste Code:		U145				
Waste Code Desc:		LEAD PHOSPHATE (OR) PHOSPHORIC ACID, LEAD(2+) SALT (2:3)				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
<i>Waste Code:</i>		U146				
<i>Waste Code Desc:</i>		LEAD SUBACETATE (OR) LEAD, BIS(ACETATO-O)TETRAHYDROXYTRI-				
<i>Waste Code:</i>		U147				
<i>Waste Code Desc:</i>		2,5-FURANDIONE (OR) MALEIC ANHYDRIDE				
<i>Waste Code:</i>		U148				
<i>Waste Code Desc:</i>		3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO- (OR) MALEIC HYDRAZIDE				
<i>Waste Code:</i>		U149				
<i>Waste Code Desc:</i>		MALONONITRILE (OR) PROPANEDINITRILE				
<i>Waste Code:</i>		U150				
<i>Waste Code Desc:</i>		L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN				
<i>Waste Code:</i>		U151				
<i>Waste Code Desc:</i>		MERCURY				
<i>Waste Code:</i>		U152				
<i>Waste Code Desc:</i>		2-PROPENENITRILE, 2-METHYL- (I,T) (OR) METHACRYLONITRILE (I,T)				
<i>Waste Code:</i>		U153				
<i>Waste Code Desc:</i>		METHANETHIOL (I,T) (OR) THIOMETHANOL (I,T)				
<i>Waste Code:</i>		U154				
<i>Waste Code Desc:</i>		METHANOL (I) (OR) METHYL ALCOHOL (I)				
<i>Waste Code:</i>		U155				
<i>Waste Code Desc:</i>		1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-2-PYRIDINYL-N'-(2-THIENYLMETHYL)- (OR) METHAPYRILENE				
<i>Waste Code:</i>		U156				
<i>Waste Code Desc:</i>		CARBONCHLORIDIC ACID, METHYL ESTER, (I,T) (OR) METHYL CHLOROCARBONATE (I,T)				
<i>Waste Code:</i>		U157				
<i>Waste Code Desc:</i>		3-METHYLCHOLANTHRENE (OR) BENZ[J]ACEANTHRYLENE, 1,2-DIHYDRO-3-METHYL-				
<i>Waste Code:</i>		U158				
<i>Waste Code Desc:</i>		4,4'-METHYLENEBIS(2-CHLOROANILINE) (OR) BENZENAMINE, 4,4'-METHYLENEBIS[2-CHLORO-				
<i>Waste Code:</i>		U159				
<i>Waste Code Desc:</i>		2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)				
<i>Waste Code:</i>		U160				
<i>Waste Code Desc:</i>		2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)				
<i>Waste Code:</i>		U161				
<i>Waste Code Desc:</i>		4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-				
<i>Waste Code:</i>		U162				
<i>Waste Code Desc:</i>		2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)				
<i>Waste Code:</i>		U163				
<i>Waste Code Desc:</i>		GUANIDINE, N-METHYL-N'-NITRO-N-NITROSO- (OR) MNNG				
<i>Waste Code:</i>		U164				
<i>Waste Code Desc:</i>		4(1H)-PYRIMIDINONE, 2,3-DIHYDRO-6-METHYL-2-THIOXO- (OR) METHYLTHIOURACIL				
<i>Waste Code:</i>		U165				
<i>Waste Code Desc:</i>		NAPHTHALENE				
<i>Waste Code:</i>		U166				
<i>Waste Code Desc:</i>		1,4-NAPHTHALENEDIONE (OR) 1,4-NAPHTHOQUINONE				
<i>Waste Code:</i>		U167				
<i>Waste Code Desc:</i>		1-NAPHTHALENAMINE (OR) ALPHA-NAPHTHYLAMINE				
<i>Waste Code:</i>		U168				
<i>Waste Code Desc:</i>		2-NAPHTHALENAMINE (OR) BETA-NAPHTHYLAMINE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		U169				
Waste Code Desc:		BENZENE, NITRO- (OR) NITROBENZENE (I,T)				
Waste Code:		U170				
Waste Code Desc:		P-NITROPHENOL (I,T) (OR) PHENOL, 4-NITRO-				
Waste Code:		U171				
Waste Code Desc:		2-NITROPROPANE (I,T) (OR) PROPANE, 2-NITRO- (I,T)				
Waste Code:		U172				
Waste Code Desc:		1-BUTANAMINE, N-BUTYL-N-NITROSO- (OR) N-NITROSODI-N-BUTYLAMINE				
Waste Code:		U173				
Waste Code Desc:		ETHANOL, 2,2'-(NITROSOIMINO)BIS- (OR) N-NITROSODIETHANOLAMINE				
Waste Code:		U174				
Waste Code Desc:		ETHANAMINE, N-ETHYL-N-NITROSO- (OR) N-NITROSODIETHYLAMINE				
Waste Code:		U176				
Waste Code Desc:		N-NITROSO-N-ETHYLUREA (OR) UREA, N-ETHYL-N-NITROSO-				
Waste Code:		U177				
Waste Code Desc:		N-NITROSO-N-METHYLUREA (OR) UREA, N-METHYL-N-NITROSO-				
Waste Code:		U178				
Waste Code Desc:		CARBAMIC ACID, METHYLNITROSO-, ETHYL ESTER (OR) N-NITROSO-N-METHYLURETHANE				
Waste Code:		U179				
Waste Code Desc:		N-NITROSOPIPERIDINE (OR) PIPERIDINE, 1-NITROSO-				
Waste Code:		U180				
Waste Code Desc:		N-NITROSOPYRROLIDINE (OR) PYRROLIDINE, 1-NITROSO-				
Waste Code:		U181				
Waste Code Desc:		5-NITRO-O-TOLUIDINE (OR) BENZENAMINE, 2-METHYL-5-NITRO				
Waste Code:		U182				
Waste Code Desc:		1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE				
Waste Code:		U183				
Waste Code Desc:		BENZENE, PENTACHLORO- (OR) PENTACHLOROBENZENE				
Waste Code:		U184				
Waste Code Desc:		ETHANE, PENTACHLORO- (OR) PENTACHLOROETHANE				
Waste Code:		U185				
Waste Code Desc:		BENZENE, PENTACHLORONITRO- (OR) PENTACHLORONITROBENZENE (PCNB)				
Waste Code:		U186				
Waste Code Desc:		1,3-PENTADIENE (I) (OR) 1-METHYLBUTADIENE (I)				
Waste Code:		U187				
Waste Code Desc:		ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN				
Waste Code:		U188				
Waste Code Desc:		PHENOL				
Waste Code:		U189				
Waste Code Desc:		PHOSPHORUS SULFIDE (R) (OR) SULFUR PHOSPHIDE (R)				
Waste Code:		U190				
Waste Code Desc:		1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE				
Waste Code:		U191				
Waste Code Desc:		2-PICOLINE (OR) PYRIDINE, 2-METHYL-				
Waste Code:		U192				
Waste Code Desc:		BENZAMIDE, 3,5-DICHLORO-N-(1,1-DIMETHYL-2-PROPYNYL)- (OR) PRONAMIDE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		U193				
Waste Code Desc:		1,2-OXATHIOLANE, 2,2-DIOXIDE (OR) 1,3-PROPANE SULTONE				
Waste Code:		U194				
Waste Code Desc:		1-PROPANAMINE (I,T) (OR) N-PROPYLAMINE (I,T)				
Waste Code:		U196				
Waste Code Desc:		PYRIDINE				
Waste Code:		U197				
Waste Code Desc:		2,5-CYCLOHEXADIENE-1,4-DIONE (OR) P-BENZOQUINONE				
Waste Code:		U200				
Waste Code Desc:		RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL) OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-				
Waste Code:		U201				
Waste Code Desc:		1,3-BENZENEDIOL (OR) RESORCINOL				
Waste Code:		U202				
Waste Code Desc:		1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS				
Waste Code:		U203				
Waste Code Desc:		1,3-BENZODIOXOLE, 5-(2-PROPENYL)- (OR) SAFROLE				
Waste Code:		U204				
Waste Code Desc:		SELENIOUS ACID (OR) SELENIUM DIOXIDE				
Waste Code:		U205				
Waste Code Desc:		SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)				
Waste Code:		U206				
Waste Code Desc:		D-GLUCOSE, 2-DEOXY-2-[[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN				

Hazardous Waste Handler Details

Seq No: 6
Receive Date: 20120815
Handler Name: COVERIGHT SURFACES USA CO
Fed Waste Generator: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Waste Code: D001
Waste Code Desc: IGNITABLE WASTE

Waste Code: D002
Waste Code Desc: CORROSIVE WASTE

Waste Code: D003
Waste Code Desc: REACTIVE WASTE

Waste Code: D004
Waste Code Desc: ARSENIC

Waste Code: D005
Waste Code Desc: BARIUM

Waste Code: D006
Waste Code Desc: CADMIUM

Waste Code: D007
Waste Code Desc: CHROMIUM

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
<i>Waste Code:</i>		D008				
<i>Waste Code Desc:</i>		LEAD				
<i>Waste Code:</i>		D009				
<i>Waste Code Desc:</i>		MERCURY				
<i>Waste Code:</i>		D010				
<i>Waste Code Desc:</i>		SELENIUM				
<i>Waste Code:</i>		D011				
<i>Waste Code Desc:</i>		SILVER				
<i>Waste Code:</i>		D012				
<i>Waste Code Desc:</i>		ENDRIN (1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-ENDO, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)				
<i>Waste Code:</i>		D013				
<i>Waste Code Desc:</i>		LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)				
<i>Waste Code:</i>		D014				
<i>Waste Code Desc:</i>		METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)				
<i>Waste Code:</i>		D015				
<i>Waste Code Desc:</i>		TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)				
<i>Waste Code:</i>		D016				
<i>Waste Code Desc:</i>		2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)				
<i>Waste Code:</i>		D017				
<i>Waste Code Desc:</i>		2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)				
<i>Waste Code:</i>		D018				
<i>Waste Code Desc:</i>		BENZENE				
<i>Waste Code:</i>		D019				
<i>Waste Code Desc:</i>		CARBON TETRACHLORIDE				
<i>Waste Code:</i>		D020				
<i>Waste Code Desc:</i>		CHLORDANE				
<i>Waste Code:</i>		D021				
<i>Waste Code Desc:</i>		CHLOROBENZENE				
<i>Waste Code:</i>		D022				
<i>Waste Code Desc:</i>		CHLOROFORM				
<i>Waste Code:</i>		D023				
<i>Waste Code Desc:</i>		O-CRESOL				
<i>Waste Code:</i>		D024				
<i>Waste Code Desc:</i>		M-CRESOL				
<i>Waste Code:</i>		D025				
<i>Waste Code Desc:</i>		P-CRESOL				
<i>Waste Code:</i>		D026				
<i>Waste Code Desc:</i>		CRESOL				
<i>Waste Code:</i>		D027				
<i>Waste Code Desc:</i>		1,4-DICHLOROBENZENE				
<i>Waste Code:</i>		D028				
<i>Waste Code Desc:</i>		1,2-DICHLOROETHANE				
<i>Waste Code:</i>		D029				
<i>Waste Code Desc:</i>		1,1-DICHLOROETHYLENE				
<i>Waste Code:</i>		D030				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Waste Code Desc:		2,4-DINITROTOLUENE				
Waste Code:		D031				
Waste Code Desc:		HEPTACHLOR (AND ITS EPOXIDE)				
Waste Code:		D032				
Waste Code Desc:		HEXACHLOROBENZENE				
Waste Code:		D033				
Waste Code Desc:		HEXACHLOROBUTADIENE				
Waste Code:		D034				
Waste Code Desc:		HEXACHLOROETHANE				
Waste Code:		D035				
Waste Code Desc:		METHYL ETHYL KETONE				
Waste Code:		D036				
Waste Code Desc:		NITROBENZENE				
Waste Code:		D037				
Waste Code Desc:		PENTACHLOROPHENOL				
Waste Code:		D038				
Waste Code Desc:		PYRIDINE				
Waste Code:		D039				
Waste Code Desc:		TETRACHLOROETHYLENE				
Waste Code:		D040				
Waste Code Desc:		TRICHLOROETHYLENE				
Waste Code:		D041				
Waste Code Desc:		2,4,5-TRICHLOROPHENOL				
Waste Code:		D042				
Waste Code Desc:		2,4,6-TRICHLOROPHENOL				
Waste Code:		D043				
Waste Code Desc:		VINYL CHLORIDE				
Waste Code:		F001				
Waste Code Desc:		THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Waste Code:		F002				
Waste Code Desc:		THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Waste Code:		F003				
Waste Code Desc:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Waste Code:		F004				
Waste Code Desc:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
	Waste Code:				F005	
	Waste Code Desc:				THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
	Waste Code:				F006	
	Waste Code Desc:				WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.	
	Waste Code:				F007	
	Waste Code Desc:				SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.	
	Waste Code:				F008	
	Waste Code Desc:				PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.	
	Waste Code:				F009	
	Waste Code Desc:				SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.	
	Waste Code:				F010	
	Waste Code Desc:				QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.	
	Waste Code:				F011	
	Waste Code Desc:				SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.	
	Waste Code:				F012	
	Waste Code Desc:				QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.	
	Waste Code:				F019	
	Waste Code Desc:				WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.	
	Waste Code:				F024	
	Waste Code Desc:				PROCESS WASTES INCLUDING, BUT NOT LIMITED TO, DISTILLATION RESIDUES, HEAVY ENDS, TARS, AND REACTOR CLEAN-OUT WASTES FROM THE PRODUCTION OF CERTAIN CHLORINATED ALIPHATIC HYDROCARBONS BY FREE RADICAL CATALYZED PROCESSES. THESE CHLORINATED ALIPHATIC HYDROCARBONS ARE THOSE HAVING CARBON CHAIN LENGTHS RANGING FROM ONE TO, AND INCLUDING FIVE, WITH VARYING AMOUNTS AND POSITIONS OF CHLORINE SUBSTITUTION. (THIS LISTING DOES NOT INCLUDE WASTEWATERS, WASTEWATER TREATMENT SLUDGE, SPENT CATALYSTS, AND WASTES LISTED IN SECTIONS 261.31. OR 261.32)	
	Waste Code:				F028	
	Waste Code Desc:				RESIDUES RESULTING FROM THE INCINERATION OR THERMAL TREATMENT OF SOIL CONTAMINATED WITH EPA HAZARDOUS WASTE NOS. F020, F021, F022, F023, F026, AND F027.	
	Waste Code:				F032	
	Waste Code Desc:				WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT CURRENTLY USE, OR HAVE PREVIOUSLY USED, CHLOROPHENOLIC FORMULATIONS [EXCEPT POTENTIALLY CROSS-CONTAMINATED WASTES THAT HAVE HAD THE F032 WASTE CODE DELETED IN ACCORDANCE WITH SECTION 261.35 (I.E., THE NEWLY PROMULGATED EQUIPMENT CLEANING OR REPLACEMENT STANDARDS), AND WHERE THE GENERATOR DOES NOT RESUME OR INITIATE USE OF CHLOROPHENOLIC FORMULATIONS]. (THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.)	
Waste Code:					F034	
Waste Code Desc:					WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE CREOSOTE FORMULATIONS. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.	
Waste Code:					F035	
Waste Code Desc:					WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE INORGANIC PRESERVATIVES CONTAINING ARSENIC OR CHROMIUM. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.	
Waste Code:					F037	
Waste Code Desc:					PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE, BUT ARE NOT LIMITED TO, THOSE GENERATED IN OIL/WATER/SOLIDS SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORM WATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGES GENERATED IN STORM WATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.	
Waste Code:					F038	
Waste Code Desc:					PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND F037, K048, AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.	
Waste Code:					F039	
Waste Code Desc:					LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)	
Waste Code:					K001	
Waste Code Desc:					BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATERS FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.	
Waste Code:					K002	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME YELLOW AND ORANGE PIGMENTS.	
Waste Code:					K003	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF MOLYBDATE ORANGE PIGMENTS.	
Waste Code:					K004	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF ZINC YELLOW PIGMENTS.	
Waste Code:					K005	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME GREEN PIGMENTS.	
Waste Code:					K006	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME OXIDE GREEN PIGMENTS (ANHYDROUS AND HYDRATED).	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code: Waste Code Desc:					K007 WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF IRON BLUE PIGMENTS.	
Waste Code: Waste Code Desc:					K008 OVEN RESIDUE FROM THE PRODUCTION OF CHROME OXIDE GREEN PIGMENTS.	
Waste Code: Waste Code Desc:					K009 DISTILLATION BOTTOMS FROM THE PRODUCTION OF ACETALDEHYDE FROM ETHYLENE.	
Waste Code: Waste Code Desc:					K010 DISTILLATION SIDE CUTS FROM THE PRODUCTION OF ACETALDEHYDE FROM ETHYLENE.	
Waste Code: Waste Code Desc:					K011 BOTTOM STREAM FROM THE WASTEWATER STRIPPER IN THE PRODUCTION OF ACRYLONITRILE.	
Waste Code: Waste Code Desc:					K013 BOTTOM STREAM FROM THE ACETONITRILE COLUMN IN THE PRODUCTION OF ACRYLONITRILE.	
Waste Code: Waste Code Desc:					K014 BOTTOMS FROM THE ACETONITRILE PURIFICATION COLUMN IN THE PRODUCTION OF ACRYLONITRILE.	
Waste Code: Waste Code Desc:					K015 STILL BOTTOMS FROM THE DISTILLATION OF BENZYL CHLORIDE.	
Waste Code: Waste Code Desc:					K016 HEAVY ENDS OR DISTILLATION RESIDUES FROM THE PRODUCTION OF CARBON TETRACHLORIDE.	
Waste Code: Waste Code Desc:					K017 HEAVY ENDS (STILL BOTTOMS) FROM THE PURIFICATION COLUMN IN THE PRODUCTION OF EPICHLOROHYDRIN.	
Waste Code: Waste Code Desc:					K018 HEAVY ENDS FROM THE FRACTIONATION COLUMN IN ETHYL CHLORIDE PRODUCTION.	
Waste Code: Waste Code Desc:					K019 HEAVY ENDS FROM THE DISTILLATION OF ETHYLENE DICHLORIDE IN ETHYLENE DICHLORIDE PRODUCTION.	
Waste Code: Waste Code Desc:					K020 HEAVY ENDS FROM THE DISTILLATION OF VINYL CHLORIDE IN VINYL CHLORIDE MONOMER PRODUCTION.	
Waste Code: Waste Code Desc:					K021 AQUEOUS SPENT ANTIMONY CATALYST WASTE FROM FLUOROMETHANE PRODUCTION.	
Waste Code: Waste Code Desc:					K022 DISTILLATION BOTTOM TARS FROM THE PRODUCTION OF PHENOL/ACETONE FROM CUMENE.	
Waste Code: Waste Code Desc:					K023 DISTILLATION LIGHT ENDS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM NAPHTHALENE.	
Waste Code: Waste Code Desc:					K024 DISTILLATION BOTTOMS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM NAPHTHALENE.	
Waste Code: Waste Code Desc:					K025 DISTILLATION BOTTOMS FROM THE PRODUCTION OF NITROBENZENE BY THE NITRATION OF BENZENE.	
Waste Code: Waste Code Desc:					K026 STRIPPING STILL TAILS FROM THE PRODUCTION OF METHYL ETHYL PYRIDINES.	
Waste Code: Waste Code Desc:					K027 CENTRIFUGE AND DISTILLATION RESIDUES FROM TOLUENE DIISOCYANATE PRODUCTION.	
Waste Code: Waste Code Desc:					K028 SPENT CATALYST FROM THE HYDROCHLORINATOR REACTOR IN THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.	
Waste Code: Waste Code Desc:					K029 WASTE FROM THE PRODUCT STEAM STRIPPER IN THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code: Waste Code Desc:					K030 COLUMN BOTTOMS OR HEAVY ENDS FROM THE COMBINED PRODUCTION OF TRICHLOROETHYLENE AND PERCHLOROETHYLENE.	
Waste Code: Waste Code Desc:					K031 BY-PRODUCT SALTS GENERATED IN THE PRODUCTION OF MSMA AND CACODYLIC ACID.	
Waste Code: Waste Code Desc:					K032 WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHLORDANE.	
Waste Code: Waste Code Desc:					K033 WASTEWATER AND SCRUB WATER FROM THE CHLORINATION OF CYCLOPENTADIENE IN THE PRODUCTION OF CHLORDANE.	
Waste Code: Waste Code Desc:					K034 FILTER SOLIDS FROM THE FILTRATION OF HEXACHLOROCYCLOPENTADIENE IN THE PRODUCTION OF CHLORDANE.	
Waste Code: Waste Code Desc:					K035 WASTEWATER TREATMENT SLUDGES GENERATED IN THE PRODUCTION OF CREOSOTE.	
Waste Code: Waste Code Desc:					K036 STILL BOTTOMS FROM TOLUENE RECLAMATION DISTILLATION IN THE PRODUCTION OF DISULFOTON.	
Waste Code: Waste Code Desc:					K037 WASTEWATER TREATMENT SLUDGES FROM THE PRODUCTION OF DISULFOTON.	
Waste Code: Waste Code Desc:					K038 WASTEWATER FROM THE WASHING AND STRIPPING OF PHORATE PRODUCTION.	
Waste Code: Waste Code Desc:					K039 FILTER CAKE FROM THE FILTRATION OF DIETHYLPHOSPHORODITHIOIC ACID IN THE PRODUCTION OF PHORATE.	
Waste Code: Waste Code Desc:					K040 WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF PHORATE.	
Waste Code: Waste Code Desc:					K041 WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF TOXAPHENE.	
Waste Code: Waste Code Desc:					K042 HEAVY ENDS OR DISTILLATION RESIDUES FROM THE DISTILLATION OF TETRACHLOROBENZENE IN THE PRODUCTION OF 2,4,5-T.	
Waste Code: Waste Code Desc:					K043 2,6-DICHLOROPHENOL WASTE FROM THE PRODUCTION OF 2,4-D.	
Waste Code: Waste Code Desc:					K044 WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING AND PROCESSING OF EXPLOSIVES.	
Waste Code: Waste Code Desc:					K045 SPENT CARBON FROM THE TREATMENT OF WASTEWATER CONTAINING EXPLOSIVES.	
Waste Code: Waste Code Desc:					K046 WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.	
Waste Code: Waste Code Desc:					K047 PINK/RED WATER FROM TNT OPERATIONS.	
Waste Code: Waste Code Desc:					K048 DISSOLVED AIR FLOTATION (DAF) FLOAT FROM THE PETROLEUM REFINING INDUSTRY.	
Waste Code: Waste Code Desc:					K049 SLOP OIL EMULSION SOLIDS FROM THE PETROLEUM REFINING INDUSTRY.	
Waste Code:					K050	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Desc:					HEAT EXCHANGER BUNDLE CLEANING SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.	
Waste Code:					K051	
Waste Code Desc:					API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.	
Waste Code:					K052	
Waste Code Desc:					TANK BOTTOMS (LEADED) FROM THE PETROLEUM REFINING INDUSTRY.	
Waste Code:					K060	
Waste Code Desc:					AMMONIA STILL LIME SLUDGE FROM COKING OPERATIONS.	
Waste Code:					K061	
Waste Code Desc:					EMISSION CONTROL DUST/SLUDGE FROM THE PRIMARY PRODUCTION OF STEEL IN ELECTRIC FURNACES.	
Waste Code:					K062	
Waste Code Desc:					SPENT PICKLE LIQUOR FROM STEEL FINISHING OPERATIONS OF PLANTS THAT PRODUCE IRON OR STEEL.	
Waste Code:					K064	
Waste Code Desc:					ACID PLANT BLOWDOWN SLURRY/SLUDGE RESULTING FROM THE THICKENING OF BLOWDOWN SLURRY FROM PRIMARY COPPER PRODUCTION.	
Waste Code:					K065	
Waste Code Desc:					SURFACE IMPOUNDMENT SOLIDS CONTAINED IN AND DREDGED FROM SURFACE IMPOUNDMENTS AT PRIMARY LEAD SMELTING FACILITIES.	
Waste Code:					K066	
Waste Code Desc:					SLUDGE FROM TREATMENT OF PROCESS WASTEWATER AND/OR ACID PLANT BLOWDOWN FROM PRIMARY ZINC PRODUCTION.	
Waste Code:					K069	
Waste Code Desc:					EMISSION CONTROL DUST/SLUDGE FROM SECONDARY LEAD SMELTING.	
Waste Code:					K071	
Waste Code Desc:					BRINE PURIFICATION MUDS FROM THE MERCURY CELL PROCESS IN CHLORINE PRODUCTION, IN WHICH SEPARATELY PREPURIFIED BRINE IS NOT USED.	
Waste Code:					K073	
Waste Code Desc:					CHLORINATED HYDROCARBON WASTE FROM THE PURIFICATION STEP OF THE DIAPHRAGM CELL PROCESS USING GRAPHITE ANODES IN CHLORINE PRODUCTION.	
Waste Code:					K083	
Waste Code Desc:					DISTILLATION BOTTOMS FROM ANILINE PRODUCTION.	
Waste Code:					K084	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGES GENERATED DURING THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.	
Waste Code:					K085	
Waste Code Desc:					DISTILLATION OR FRACTIONATION COLUMN BOTTOMS FROM THE PRODUCTION OF CHLOROBENZENES.	
Waste Code:					K086	
Waste Code Desc:					SOLVENT WASHES AND SLUDGES, CAUSTIC WASHES AND SLUDGES, OR WATER WASHES AND SLUDGES FROM CLEANING TUBS AND EQUIPMENT USED IN THE FORMULATION OF INK FROM PIGMENTS, DRIERS, SOAPS, AND STABILIZERS CONTAINING CHROMIUM AND LEAD.	
Waste Code:					K087	
Waste Code Desc:					DECANTER TANK TAR SLUDGE FROM COKING OPERATIONS.	
Waste Code:					K088	
Waste Code Desc:					SPENT POTLINERS FROM PRIMARY ALUMINUM REDUCTION.	
Waste Code:					K090	
Waste Code Desc:					EMISSION CONTROL DUST OR SLUDGE FROM FERROCHROMIUMSILICON PRODUCTION.	
Waste Code:					K091	
Waste Code Desc:					EMISSION CONTROL DUST OR SLUDGE FROM FERROCHROMIUM PRODUCTION.	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:					K093	
Waste Code Desc:					DISTILLATION LIGHT ENDS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM ORTHO-XYLENE.	
Waste Code:					K094	
Waste Code Desc:					DISTILLATION BOTTOMS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM ORTHO-XYLENE.	
Waste Code:					K095	
Waste Code Desc:					DISTILLATION BOTTOMS FROM THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.	
Waste Code:					K096	
Waste Code Desc:					HEAVY ENDS FROM THE HEAVY ENDS COLUMN FROM THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.	
Waste Code:					K097	
Waste Code Desc:					VACUUM STRIPPER DISCHARGE FROM THE CHLORDANE CHLORINATOR IN THE PRODUCTION OF CHLORDANE.	
Waste Code:					K098	
Waste Code Desc:					UNTREATED PROCESS WASTEWATER FROM THE PRODUCTION OF TOXAPHENE.	
Waste Code:					K099	
Waste Code Desc:					UNTREATED WASTEWATER FROM THE PRODUCTION OF 2,4-D.	
Waste Code:					K100	
Waste Code Desc:					WASTE LEACHING SOLUTION FROM ACID LEACHING OF EMISSION CONTROL DUST/SLUDGE FROM SECONDARY LEAD SMELTING.	
Waste Code:					K101	
Waste Code Desc:					DISTILLATION TAR RESIDUES FROM THE DISTILLATION OF ANILINE-BASED COMPOUNDS IN THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.	
Waste Code:					K102	
Waste Code Desc:					RESIDUE FROM THE USE OF ACTIVATED CARBON FOR DECOLORIZATION IN THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.	
Waste Code:					K103	
Waste Code Desc:					PROCESS RESIDUES FROM ANILINE EXTRACTION FROM THE PRODUCTION OF ANILINE.	
Waste Code:					K104	
Waste Code Desc:					COMBINED WASTEWATERS GENERATED FROM NITROBENZENE/ANILINE PRODUCTION.	
Waste Code:					K105	
Waste Code Desc:					SEPARATED AQUEOUS STREAM FROM THE REACTOR PRODUCT WASHING STEP IN THE PRODUCTION OF CHLOROBENZENES.	
Waste Code:					K106	
Waste Code Desc:					WASTEWATER TREATMENT SLUDGE FROM THE MERCURY CELL PROCESS IN CHLORINE PRODUCTION.	
Waste Code:					K107	
Waste Code Desc:					COLUMN BOTTOMS FROM PRODUCT SEPARATION FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE (UDMH) FROM CARBOXYLIC ACID HYDRAZIDES.	
Waste Code:					K108	
Waste Code Desc:					CONDENSED COLUMN OVERHEADS FROM PRODUCT SEPARATION AND CONDENSED REACTOR VENT GASES FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.	
Waste Code:					K109	
Waste Code Desc:					SPENT FILTER CARTRIDGES FROM PRODUCT PURIFICATION FROM THE PRODUCT OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.	
Waste Code:					K110	
Waste Code Desc:					CONDENSED COLUMN OVERHEADS FROM INTERMEDIATE SEPARATION FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.	
Waste Code:					K111	
Waste Code Desc:					PRODUCT WASHWATERS FROM THE PRODUCTION OF DINITROTOLUENE VIA NITRATION OF TOLUENE.	
Waste Code:					K112	
Waste Code Desc:					REACTION BY-PRODUCT WATER FROM THE DRYING COLUMN IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code: Waste Code Desc:					K113 CONDENSED LIQUID LIGHT ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.	
Waste Code: Waste Code Desc:					K114 VICINALS FROM THE PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.	
Waste Code: Waste Code Desc:					K115 HEAVY ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.	
Waste Code: Waste Code Desc:					K116 ORGANIC CONDENSATE FROM THE SOLVENT RECOVERY COLUMN IN THE PRODUCTION OF TOLUENE DIISOCYANATE VIA PHOSGENATION OF TOLUENEDIAMINE.	
Waste Code: Waste Code Desc:					K117 WASTEWATER FROM THE REACTOR VENT GAS SCRUBBER IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.	
Waste Code: Waste Code Desc:					K118 SPENT ADSORBENT SOLIDS FROM PURIFICATION OF ETHYLENE DIBROMIDE IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.	
Waste Code: Waste Code Desc:					K123 PROCESS WASTEWATER (INCLUDING SUPERNATES, FILTRATES, AND WASHWATERS) FROM THE PRODUCTION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.	
Waste Code: Waste Code Desc:					K124 REACTOR VENT SCRUBBER WATER FROM THE PRODUCTION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.	
Waste Code: Waste Code Desc:					K125 FILTRATION, EVAPORATION, AND CENTRIFUGATION SOLIDS FROM THE PRODUCTION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.	
Waste Code: Waste Code Desc:					K126 BAGHOUSE DUST AND FLOOR SWEEPINGS IN MILLING AND PACKAGING OPERATIONS FROM PRODUCTION OR FORMULATION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.	
Waste Code: Waste Code Desc:					K131 WASTEWATER FROM THE REACTOR AND SPENT SULFURIC ACID FROM THE ACID DRYER FROM THE PRODUCTION OF METHYL BROMIDE.	
Waste Code: Waste Code Desc:					K132 SPENT ABSORBENT AND WASTEWATER SEPARATOR SOLIDS FROM THE PRODUCTION OF METHYL BROMIDE.	
Waste Code: Waste Code Desc:					K136 STILL BOTTOMS FROM THE PURIFICATION OF ETHYLENE DIBROMIDE IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.	
Waste Code: Waste Code Desc:					K141 PROCESS RESIDUES FROM THE RECOVERY OF COAL TAR, INCLUDING, BUT NOT LIMITED TO, TAR COLLECTING SUMP RESIDUES FROM THE PRODUCTION OF COKE FROM COAL OR THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL. THIS LISTING DOES NOT INCLUDE K087 (DECANTER TANK SLUDGE FROM COKING OPERATIONS).	
Waste Code: Waste Code Desc:					K142 TANK STORAGE RESIDUES FROM THE PRODUCTION OF COKE FROM COAL OR FROM THE RECOVERY OF COKE BY-PRODUCTS FROM COAL.	
Waste Code: Waste Code Desc:					K143 PROCESS RESIDUES FROM THE RECOVERY OF LIGHT OIL, INCLUDING, BUT NOT LIMITED TO, THOSE GENERATED IN STILLS, DECANTERS, AND WASH OIL RECOVERY UNITS FROM THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL.	
Waste Code: Waste Code Desc:					K144 WASTEWATER SUMP RESIDUES FROM LIGHT OIL REFINING, INCLUDING, BUT NOT LIMITED TO,	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					INTERCEPTING OR CONTAMINATION SUMP SLUDGES FROM THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL.	
Waste Code:					K145	
Waste Code Desc:					RESIDUES FROM NAPHTHALENE COLLECTION AND RECOVERY OPERATIONS FROM THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL.	
Waste Code:					K147	
Waste Code Desc:					TAR STORAGE RESIDUES FROM COAL TAR REFINING.	
Waste Code:					K148	
Waste Code Desc:					RESIDUES FROM COAL TAR DISTILLATION, INCLUDING, BUT NOT LIMITED TO, STILL BOTTOMS.	
Waste Code:					K156	
Waste Code Desc:					ORGANIC WASTE (INCLUDING HEAVY ENDS, STILL BOTTOMS, LIGHT ENDS, SPENT SOLVENTS, FILTRATES, AND DECANTATES) FROM THE PRODUCTION OF CARBAMATES AND CARBAMOYL OXIMES.	
Waste Code:					K157	
Waste Code Desc:					WASTEWATERS (INCLUDING SCRUBBER WATERS, CONDENSER WATERS, WASHWATERS, AND SEPARATION WATERS) FROM THE PRODUCTION OF CARBAMATES AND CARBAMOYL OXIMES.	
Waste Code:					K158	
Waste Code Desc:					BAG HOUSE DUSTS AND FILTER/SEPARATION SOLIDS FROM THE PRODUCTION OF CARBAMATES AND CARBAMOYL OXIMES.	
Waste Code:					K159	
Waste Code Desc:					ORGANICS FROM THE TREATMENT OF THIOCARBAMATE WASTES.	
Waste Code:					K160	
Waste Code Desc:					SOLIDS (INCLUDING FILTER WASTES, SEPARATION SOLIDS, AND SPENT CATALYSTS) FROM THE PRODUCTION OF THIOCARBAMATES AND SOLIDS FROM THE TREATMENT OF THIOCARBAMATE WASTES.	
Waste Code:					K161	
Waste Code Desc:					PURIFICATION SOLIDS (INCLUDING FILTRATION, EVAPORATION, AND CENTRIFUGATION SOLIDS), BAG HOUSE DUST AND FLOOR SWEEPINGS FROM THE PRODUCTION OF DITHIOCARBAMATE ACIDS AND THEIR SALTS. (THIS LISTING DOES NOT INCLUDE K125 OR K126).	
Waste Code:					P001	
Waste Code Desc:					2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%	
Waste Code:					P002	
Waste Code Desc:					1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-	
Waste Code:					P003	
Waste Code Desc:					2-PROPENAL (OR) ACROLEIN	
Waste Code:					P004	
Waste Code Desc:					1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN	
Waste Code:					P005	
Waste Code Desc:					2-PROPEN-1-OL (OR) ALLYL ALCOHOL	
Waste Code:					P006	
Waste Code Desc:					ALUMINUM PHOSPHIDE (R,T)	
Waste Code:					P007	
Waste Code Desc:					3(2H)-ISOXAZOLONE, 5-(AMINOMETHYL)- (OR) 5-(AMINOMETHYL)-3-ISOXAZOLOL	
Waste Code:					P008	
Waste Code Desc:					4-AMINOPYRIDINE (OR) 4-PYRIDINAMINE	
Waste Code:					P009	
Waste Code Desc:					AMMONIUM PICRATE (R) (OR) PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (R)	
Waste Code:					P010	
Waste Code Desc:					ARSENIC ACID H3ASO4	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		P011				
Waste Code Desc:		ARSENIC OXIDE AS ₂ O ₅ (OR) ARSENIC PENTOXIDE				
Waste Code:		P012				
Waste Code Desc:		ARSENIC OXIDE AS ₂ O ₃ (OR) ARSENIC TRIOXIDE				
Waste Code:		P013				
Waste Code Desc:		BARIUM CYANIDE				
Waste Code:		P014				
Waste Code Desc:		BENZENETHIOL (OR) THIOPHENOL				
Waste Code:		P015				
Waste Code Desc:		BERYLLIUM				
Waste Code:		P016				
Waste Code Desc:		DICHLOROMETHYL ETHER (OR) METHANE, OXYBIS[CHLORO-				
Waste Code:		P017				
Waste Code Desc:		2-PROPANONE, 1-BROMO- (OR) BROMOACETONE				
Waste Code:		P018				
Waste Code Desc:		BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-				
Waste Code:		P020				
Waste Code Desc:		DINOSEB (OR) PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-				
Waste Code:		P021				
Waste Code Desc:		CALCIUM CYANIDE (OR) CALCIUM CYANIDE CA(CN) ₂				
Waste Code:		P022				
Waste Code Desc:		CARBON DISULFIDE				
Waste Code:		P023				
Waste Code Desc:		ACETALDEHYDE, CHLORO- (OR) CHLOROACETALDEHYDE				
Waste Code:		P024				
Waste Code Desc:		BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE				
Waste Code:		P026				
Waste Code Desc:		1-(O-CHLOROPHENYL)THIOUREA (OR) THIOUREA, (2-CHLOROPHENYL)-				
Waste Code:		P027				
Waste Code Desc:		3-CHLOROPROPIONITRILE (OR) PROPANENITRILE, 3-CHLORO-				
Waste Code:		P028				
Waste Code Desc:		BENZENE, (CHLOROMETHYL)- (OR) BENZYL CHLORIDE				
Waste Code:		P029				
Waste Code Desc:		COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)				
Waste Code:		P030				
Waste Code Desc:		CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED				
Waste Code:		P031				
Waste Code Desc:		CYANOGEN (OR) ETHANEDINITRILE				
Waste Code:		P033				
Waste Code Desc:		CYANOGEN CHLORIDE (OR) CYANOGEN CHLORIDE (CN)CL				
Waste Code:		P034				
Waste Code Desc:		2-CYCLOHEXYL-4,6-DINITROPHENOL (OR) PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-				
Waste Code:		P036				
Waste Code Desc:		ARSONOUS DICHLORIDE, PHENYL- (OR) DICHLOROPHENYLARSINE				
Waste Code:		P037				
Waste Code Desc:		2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-,				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					(1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN	
Waste Code:				P038		
Waste Code Desc:				ARSINE, DIETHYL- (OR) DIETHYLARSINE		
Waste Code:				P039		
Waste Code Desc:				DISULFOTON (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER		
Waste Code:				P040		
Waste Code Desc:				O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-PYRAZINYL ESTER		
Waste Code:				P041		
Waste Code Desc:				DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER		
Waste Code:				P042		
Waste Code Desc:				1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE		
Waste Code:				P043		
Waste Code Desc:				DIISOPROPYLFLUOROPHOSPHATE (DFP) (OR) PHOSPHOROFUORIDIC ACID, BIS(1-METHYLETHYL) ESTER		
Waste Code:				P044		
Waste Code Desc:				DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER		
Waste Code:				P045		
Waste Code Desc:				2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-[METHYLAMINO)CARBONYL] OXIME (OR) THIOFANOX		
Waste Code:				P046		
Waste Code Desc:				ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-		
Waste Code:				P047		
Waste Code Desc:				4,6-DINITRO-O-CRESOL, & SALTS (OR) PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS		
Waste Code:				P048		
Waste Code Desc:				2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-		
Waste Code:				P049		
Waste Code Desc:				DITHIOBIURET (OR) THIOIMIDODICARBONIC DIAMIDE [(H2N)C(S)]2NH		
Waste Code:				P050		
Waste Code Desc:				6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6,9,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN		
Waste Code:				P051		
Waste Code Desc:				2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES		
Waste Code:				P054		
Waste Code Desc:				AZIRIDINE (OR) ETHYLENEIMINE		
Waste Code:				P056		
Waste Code Desc:				FLUORINE		
Waste Code:				P057		
Waste Code Desc:				ACETAMIDE, 2-FLUORO- (OR) FLUOROACETAMIDE		
Waste Code:				P058		
Waste Code Desc:				ACETIC ACID, FLUORO-, SODIUM SALT (OR) FLUOROACETIC ACID, SODIUM SALT		
Waste Code:				P059		
Waste Code Desc:				4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR		
Waste Code:				P060		
Waste Code Desc:				1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN		

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
<i>Waste Code:</i>		P062				
<i>Waste Code Desc:</i>		HEXAETHYL TETRAPHOSPHATE (OR) TETRAPHOSPHORIC ACID, HEXAETHYL ESTER				
<i>Waste Code:</i>		P063				
<i>Waste Code Desc:</i>		HYDROCYANIC ACID (OR) HYDROGEN CYANIDE				
<i>Waste Code:</i>		P064				
<i>Waste Code Desc:</i>		METHANE, ISOCYANATO- (OR) METHYL ISOCYANATE				
<i>Waste Code:</i>		P065				
<i>Waste Code Desc:</i>		FULMINIC ACID, MERCURY(2+) SALT (R,T) (OR) MERCURY FULMINATE (R,T)				
<i>Waste Code:</i>		P066				
<i>Waste Code Desc:</i>		ETHANIMIDOTHIOIC ACID, N-[[[(METHYLAMINO)CARBONYL]OXY]-, METHYL ESTER (OR) METHOMYL				
<i>Waste Code:</i>		P067				
<i>Waste Code Desc:</i>		1,2-PROPYLENIMINE (OR) AZIRIDINE, 2-METHYL-				
<i>Waste Code:</i>		P068				
<i>Waste Code Desc:</i>		HYDRAZINE, METHYL- (OR) METHYL HYDRAZINE				
<i>Waste Code:</i>		P069				
<i>Waste Code Desc:</i>		2-METHYLLACTONITRILE (OR) PROPANENITRILE, 2-HYDROXY-2-METHYL-				
<i>Waste Code:</i>		P070				
<i>Waste Code Desc:</i>		ALDICARB (OR) PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-[(METHYLAMINO)CARBONYL]OXIME				
<i>Waste Code:</i>		P071				
<i>Waste Code Desc:</i>		METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER				
<i>Waste Code:</i>		P072				
<i>Waste Code Desc:</i>		ALPHA-NAPHTHYLTHIOUREA (OR) THIOUREA, 1-NAPHTHALENYL-				
<i>Waste Code:</i>		P073				
<i>Waste Code Desc:</i>		NICKEL CARBONYL (OR) NICKEL CARBONYL NI(CO)4, (T-4)-				
<i>Waste Code:</i>		P074				
<i>Waste Code Desc:</i>		NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2				
<i>Waste Code:</i>		P075				
<i>Waste Code Desc:</i>		NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS				
<i>Waste Code:</i>		P076				
<i>Waste Code Desc:</i>		NITRIC OXIDE (OR) NITROGEN OXIDE NO				
<i>Waste Code:</i>		P077				
<i>Waste Code Desc:</i>		BENZENAMINE, 4-NITRO- (OR) P-NITROANILINE				
<i>Waste Code:</i>		P078				
<i>Waste Code Desc:</i>		NITROGEN DIOXIDE (OR) NITROGEN OXIDE NO2				
<i>Waste Code:</i>		P081				
<i>Waste Code Desc:</i>		1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)				
<i>Waste Code:</i>		P082				
<i>Waste Code Desc:</i>		METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE				
<i>Waste Code:</i>		P084				
<i>Waste Code Desc:</i>		N-NITROSOMETHYLVINYLAMINE (OR) VINYLAMINE, N-METHYL-N-NITROSO-				
<i>Waste Code:</i>		P085				
<i>Waste Code Desc:</i>		DIPHOSPHORAMIDE, OCTAMETHYL- (OR) OCTAMETHYLPYROPHOSPHORAMIDE				
<i>Waste Code:</i>		P087				
<i>Waste Code Desc:</i>		OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE				
<i>Waste Code:</i>		P088				
<i>Waste Code Desc:</i>		7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID (OR) ENDOTHALL				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		P089				
Waste Code Desc:		PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER				
Waste Code:		P092				
Waste Code Desc:		MERCURY, (ACETATO-O)PHENYL- (OR) PHENYLMERCURY ACETATE				
Waste Code:		P093				
Waste Code Desc:		PHENYLTHIOUREA (OR) THIOUREA, PHENYL-				
Waste Code:		P094				
Waste Code Desc:		PHORATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER				
Waste Code:		P095				
Waste Code Desc:		CARBONIC DICHLORIDE (OR) PHOSGENE				
Waste Code:		P096				
Waste Code Desc:		HYDROGEN PHOSPHIDE (OR) PHOSPHINE				
Waste Code:		P097				
Waste Code Desc:		FAMPHUR (OR) PHOSPHOROTHIOIC ACID O-[4-[(DIMETHYLAMINO)SULFONYL]PHENYL] O,O-DIMETHYL ESTER				
Waste Code:		P098				
Waste Code Desc:		POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)				
Waste Code:		P099				
Waste Code Desc:		ARGENTATE (1-), BIS(CYANO-C)-, POTASSIUM (OR) POTASSIUM SILVER CYANIDE				
Waste Code:		P101				
Waste Code Desc:		ETHYL CYANIDE (OR) PROPANENITRILE				
Waste Code:		P102				
Waste Code Desc:		2-PROPYN-1-OL (OR) PROPARGYL ALCOHOL				
Waste Code:		P103				
Waste Code Desc:		SELENOUREA				
Waste Code:		P104				
Waste Code Desc:		SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)				
Waste Code:		P105				
Waste Code Desc:		SODIUM AZIDE				
Waste Code:		P106				
Waste Code Desc:		SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)				
Waste Code:		P107				
Waste Code Desc:		STRONTIUM SULFIDE SRS				
Waste Code:		P108				
Waste Code Desc:		STRYCHNIDIN-10-ONE, & SALTS (OR) STRYCHNINE, & SALTS				
Waste Code:		P109				
Waste Code Desc:		TETRAETHYLDITHIOPYROPHOSPHATE (OR) THIODIPHOSPHORIC ACID, TETRAETHYL ESTER				
Waste Code:		P110				
Waste Code Desc:		PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD				
Waste Code:		P111				
Waste Code Desc:		DIPHOSPHORIC ACID, TETRAETHYL ESTER (OR) TETRAETHYL PYROPHOSPHATE				
Waste Code:		P112				
Waste Code Desc:		METHANE, TETRANITRO- (R) (OR) TETRANITROMETHANE (R)				
Waste Code:		P113				
Waste Code Desc:		THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3				
Waste Code:		P114				
Waste Code Desc:		SELENIOUS ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(II) SELENITE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		P115				
Waste Code Desc:		SULFURIC ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SULFATE				
Waste Code:		P116				
Waste Code Desc:		HYDRAZINECARBOTHIOAMIDE (OR) THIOSEMICARBAZIDE				
Waste Code:		P118				
Waste Code Desc:		METHANETHIOL, TRICHLORO- (OR) TRICHLOROMETHANETHIOL				
Waste Code:		P119				
Waste Code Desc:		AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT				
Waste Code:		P120				
Waste Code Desc:		VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE				
Waste Code:		P121				
Waste Code Desc:		ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2				
Waste Code:		P122				
Waste Code Desc:		ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)				
Waste Code:		P123				
Waste Code Desc:		TOXAPHENE				
Waste Code:		P127				
Waste Code Desc:		7-BENZOFURANOL, 2,3-DIHYDRO-2,2-DIMETHYL-, METHYLCARBAMATE (OR) CARBOFURAN				
Waste Code:		P128				
Waste Code Desc:		PHENOL, 4-(DIMETHYLAMINO)-3,5-DIMETHYL-, METHYLCARBAMATE (ESTER)				
Waste Code:		P185				
Waste Code Desc:		1,3-DITHIOLANE-2-CARBOXALDEHYDE, 2,4-DIMETHYL-, O- [(METHYLAMINO)-CARBONYL]OXIME (OR) TIRPATE				
Waste Code:		P188				
Waste Code Desc:		BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-5-YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE				
Waste Code:		P189				
Waste Code Desc:		CARBAMIC ACID, [(DIBUTYLAMINO)-THIO]METHYL-, 2,3-DIHYDRO-2,2-DIMETHYL -7-BENZOFURANYL ESTER (OR) CARBOSULFAN				
Waste Code:		P190				
Waste Code Desc:		CARBAMIC ACID, METHYL-, 3-METHYLPHENYL ESTER (OR) METOLCARB				
Waste Code:		P191				
Waste Code Desc:		CARBAMIC ACID, DIMETHYL-, 1-[(DIMETHYL-AMINO)CARBONYL]- 5-METHYL-1H- PYRAZOL-3-YL ESTER (OR) DIMETILAN				
Waste Code:		P192				
Waste Code Desc:		ISOLAN (OR) CARBAMIC ACID, DIMETHYL-, 3-METHY-L-(1-METHYLETHYL)-1H- PYRAZOL-5-YL ESTER				
Waste Code:		P194				
Waste Code Desc:		ETHANIMIDOTHIOC ACID, 2-(DIMETHYLAMINO)-N-[(METHYLAMINO) CARBONYL]OXY]-2-OXO-, METHYL ESTER (OR) OXAMYL				
Waste Code:		P196				
Waste Code Desc:		MANGANESE DIMETHYLDITHIOCARBAMATE (OR) MANGANESE, BIS(DIMETHYLCARBAMODITHIOATO-S,S') -,				
Waste Code:		P197				
Waste Code Desc:		FORMPARANATE (OR) METHANIMIDAMIDE, N,N-DIMETHYL-N'-[2-METHYL-4-[(METHYLAMINO)CARBONYL] OXY]PHENYL]				
Waste Code:		P198				
Waste Code Desc:		METHANIMIDAMIDE, N,N-DIMETHYL-N'-[3-[(METHYLAMINO)-CARBONYL]OXY]PHENYL]-, MONOHYDROCHLORIDE (OR) FORMETANATE HYDROCHLORIDE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		P199				
Waste Code Desc:		METHIOCARB (OR) MEXACARBATE (OR) PHENOL, (3,5-DIMETHYL-4-(METHYLTHIO)-, METHYLCARBAMATE				
Waste Code:		P201				
Waste Code Desc:		PHENOL, 3-METHYL-5-(1-METHYLETHYL)-, METHYL CARBAMATE (OR) PROMECARB				
Waste Code:		P202				
Waste Code Desc:		M-CUMENYL METHYLCARBAMATE (OR) 3-ISOPROPYLPHENYL N-METHYLCARBAMATE (OR) PHENOL, 3-(1-METHYLETHYL)-, METHYL CARBAMATE				
Waste Code:		P203				
Waste Code Desc:		ALDICARB SULFONE (OR) PROPANAL, 2-METHYL-2-(METHYL-SULFONYL)-, O-[(METHYLAMINO) CARBONYL] OXIME				
Waste Code:		P204				
Waste Code Desc:		PHYSOSTIGMINE (OR) PYRROLO[2,3-B]INDOL-5-OL, 1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYL-METHYLCARBAMATE (ESTER), (3AS-CIS)-				
Waste Code:		P205				
Waste Code Desc:		ZINC, BIS(DIMETHYLCARBAMODITHIOATO-S,S')-, (OR) ZIRAM				
Waste Code:		U001				
Waste Code Desc:		ACETALDEHYDE (I) (OR) ETHANAL (I)				
Waste Code:		U002				
Waste Code Desc:		2-PROPANONE (I) (OR) ACETONE (I)				
Waste Code:		U003				
Waste Code Desc:		ACETONITRILE (I,T)				
Waste Code:		U004				
Waste Code Desc:		ACETOPHENONE (OR) ETHANONE, 1-PHENYL-				
Waste Code:		U005				
Waste Code Desc:		2-ACETYLAMINOFLUORENE (OR) ACETAMIDE, N-9H-FLUOREN-2-YL				
Waste Code:		U006				
Waste Code Desc:		ACETYL CHLORIDE (C,R,T)				
Waste Code:		U007				
Waste Code Desc:		2-PROPENAMIDE (OR) ACRYLAMIDE				
Waste Code:		U008				
Waste Code Desc:		2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)				
Waste Code:		U009				
Waste Code Desc:		2-PROPENENITRILE (OR) ACRYLONITRILE				
Waste Code:		U010				
Waste Code Desc:		AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[[(AMINOCARBONYL)OXY]METHYL]-1,1A, 2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C				
Waste Code:		U011				
Waste Code Desc:		1H-1,2,4-TRIAZOL-3-AMINE (OR) AMITROLE				
Waste Code:		U012				
Waste Code Desc:		ANILINE (I,T) (OR) BENZENAMINE (I,T)				
Waste Code:		U014				
Waste Code Desc:		AURAMINE (OR) BENZENAMINE, 4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYL-				
Waste Code:		U015				
Waste Code Desc:		AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)				
Waste Code:		U016				
Waste Code Desc:		BENZ[C]ACRIDINE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		U017				
Waste Code Desc:		BENZAL CHLORIDE (OR) BENZENE, (DICHLOROMETHYL)-				
Waste Code:		U018				
Waste Code Desc:		BENZ[A]ANTHRACENE				
Waste Code:		U019				
Waste Code Desc:		BENZENE (I,T)				
Waste Code:		U020				
Waste Code Desc:		BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)				
Waste Code:		U021				
Waste Code Desc:		[1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE				
Waste Code:		U022				
Waste Code Desc:		BENZO[A]PYRENE				
Waste Code:		U023				
Waste Code Desc:		BENZENE, (TRICHLOROMETHYL)- (OR) BENZOTRICHLORIDE (C,R,T)				
Waste Code:		U024				
Waste Code Desc:		DICHLOROMETHOXY ETHANE (OR) ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-				
Waste Code:		U025				
Waste Code Desc:		DICHLOROETHYL ETHER (OR) ETHANE, 1,1'-OXYBIS[2-CHLORO-				
Waste Code:		U026				
Waste Code Desc:		CHLORNAPHAZIN (OR) NAPHTHALENAMINE, N,N'-BIS(2-CHLOROETHYL)-				
Waste Code:		U027				
Waste Code Desc:		DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-				
Waste Code:		U028				
Waste Code Desc:		1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE				
Waste Code:		U029				
Waste Code Desc:		METHANE, BROMO- (OR) METHYL BROMIDE				
Waste Code:		U030				
Waste Code Desc:		4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-				
Waste Code:		U031				
Waste Code Desc:		1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)				
Waste Code:		U032				
Waste Code Desc:		CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT				
Waste Code:		U033				
Waste Code Desc:		CARBON OXYFLUORIDE (R,T) (OR) CARBONIC DIFLUORIDE				
Waste Code:		U034				
Waste Code Desc:		ACETALDEHYDE, TRICHLORO- (OR) CHLORAL				
Waste Code:		U035				
Waste Code Desc:		BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL				
Waste Code:		U036				
Waste Code Desc:		4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS				
Waste Code:		U037				
Waste Code Desc:		BENZENE, CHLORO- (OR) CHLOROBENZENE				
Waste Code:		U038				
Waste Code Desc:		BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER (OR) CHLOROBENZILATE				
Waste Code:		U039				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Desc:		P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-				
Waste Code:		U041				
Waste Code Desc:		EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-				
Waste Code:		U042				
Waste Code Desc:		2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-				
Waste Code:		U043				
Waste Code Desc:		ETHENE, CHLORO- (OR) VINYL CHLORIDE				
Waste Code:		U044				
Waste Code Desc:		CHLOROFORM (OR) METHANE, TRICHLORO-				
Waste Code:		U045				
Waste Code Desc:		METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)				
Waste Code:		U046				
Waste Code Desc:		CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-				
Waste Code:		U047				
Waste Code Desc:		BETA-CHLORONAPHTHALENE (OR) NAPHTHALENE, 2-CHLORO-				
Waste Code:		U048				
Waste Code Desc:		O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-				
Waste Code:		U049				
Waste Code Desc:		4-CHLORO-O-TOLUIDINE, HYDROCHLORIDE (OR) BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE				
Waste Code:		U050				
Waste Code Desc:		CHRYSENE				
Waste Code:		U051				
Waste Code Desc:		CREOSOTE				
Waste Code:		U052				
Waste Code Desc:		CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-				
Waste Code:		U053				
Waste Code Desc:		2-BUTENAL (OR) CROTONALDEHYDE				
Waste Code:		U055				
Waste Code Desc:		BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)				
Waste Code:		U056				
Waste Code Desc:		BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)				
Waste Code:		U057				
Waste Code Desc:		CYCLOHEXANONE (I)				
Waste Code:		U058				
Waste Code Desc:		2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE				
Waste Code:		U059				
Waste Code Desc:		5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL) OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN				
Waste Code:		U060				
Waste Code Desc:		BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD				
Waste Code:		U061				
Waste Code Desc:		BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT				
Waste Code:		U062				
Waste Code Desc:		CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER (OR) DIALATE				
Waste Code:		U063				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Desc:		DIBENZ[A,H]ANTHRACENE				
Waste Code:		U064				
Waste Code Desc:		BENZO[RST]PENTAPHENE (OR) DIBENZO[A,I]PYRENE				
Waste Code:		U066				
Waste Code Desc:		1,2-DIBROMO-3-CHLOROPROPANE (OR) PROPANE, 1,2-DIBROMO-3-CHLORO-				
Waste Code:		U067				
Waste Code Desc:		ETHANE, 1,2-DIBROMO- (OR) ETHYLENE DIBROMIDE				
Waste Code:		U068				
Waste Code Desc:		METHANE, DIBROMO- (OR) METHYLENE BROMIDE				
Waste Code:		U069				
Waste Code Desc:		1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE				
Waste Code:		U070				
Waste Code Desc:		BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE				
Waste Code:		U071				
Waste Code Desc:		BENZENE, 1,3-DICHLORO- (OR) M-DICHLOROBENZENE				
Waste Code:		U072				
Waste Code Desc:		BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE				
Waste Code:		U073				
Waste Code Desc:		[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DICHLORO- (OR) 3,3'-DICHLOROBENZIDINE				
Waste Code:		U074				
Waste Code Desc:		1,4-DICHLORO-2-BUTENE (I,T) (OR) 2-BUTENE, 1,4-DICHLORO- (I,T)				
Waste Code:		U075				
Waste Code Desc:		DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-				
Waste Code:		U076				
Waste Code Desc:		ETHANE, 1,1-DICHLORO- (OR) ETHYLIDENE DICHLORIDE				
Waste Code:		U077				
Waste Code Desc:		ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE				
Waste Code:		U078				
Waste Code Desc:		1,1-DICHLOROETHYLENE (OR) ETHENE, 1,1-DICHLORO-				
Waste Code:		U079				
Waste Code Desc:		1,2-DICHLOROETHYLENE (OR) ETHENE, 1,2-DICHLORO-, (E)-				
Waste Code:		U080				
Waste Code Desc:		METHANE, DICHLORO- (OR) METHYLENE CHLORIDE				
Waste Code:		U081				
Waste Code Desc:		2,4-DICHLOROPHENOL (OR) PHENOL, 2,4-DICHLORO-				
Waste Code:		U082				
Waste Code Desc:		2,6-DICHLOROPHENOL (OR) PHENOL, 2,6-DICHLORO-				
Waste Code:		U083				
Waste Code Desc:		PROPANE, 1,2-DICHLORO- (OR) PROPYLENE DICHLORIDE				
Waste Code:		U084				
Waste Code Desc:		1,3-DICHLOROPROPENE (OR) 1-PROPENE, 1,3-DICHLORO-				
Waste Code:		U085				
Waste Code Desc:		1,2:3,4-DIEPOXYBUTANE (I,T) (OR) 2,2'-BIOXIRANE				
Waste Code:		U086				
Waste Code Desc:		HYDRAZINE, 1,2-DIETHYL- (OR) N,N'-DIETHYLHYDRAZINE				
Waste Code:		U087				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Desc:					O,O-DIETHYL S-METHYL DITHIOPHOSPHATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-METHYL ESTER	
Waste Code:					U088	
Waste Code Desc:					1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE	
Waste Code:					U089	
Waste Code Desc:					DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-	
Waste Code:					U090	
Waste Code Desc:					1,3-BENZODIOXOLE, 5-PROPYL- (OR) DIHYDROSAFROLE	
Waste Code:					U091	
Waste Code Desc:					[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHOXY- (OR) 3,3'-DIMETHOXYBENZIDINE	
Waste Code:					U092	
Waste Code Desc:					DIMETHYLAMINE (I) (OR) METHANAMINE, N-METHYL- (I)	
Waste Code:					U093	
Waste Code Desc:					BENZENAMINE, N,N-DIMETHYL-4-(PHENYLAZO)- (OR) P-DIMETHYLAMINOAZOBENZENE	
Waste Code:					U094	
Waste Code Desc:					7,12-DIMETHYLBENZ[A]ANTHRACENE (OR) BENZ[A]ANTHRACENE, 7,12-DIMETHYL-	
Waste Code:					U095	
Waste Code Desc:					[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE	
Waste Code:					U096	
Waste Code Desc:					ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)	
Waste Code:					U097	
Waste Code Desc:					CARBAMIC CHLORIDE, DIMETHYL- (OR) DIMETHYLCARBAMOYL CHLORIDE	
Waste Code:					U098	
Waste Code Desc:					1,1-DIMETHYLHYDRAZINE (OR) HYDRAZINE, 1,1-DIMETHYL-	
Waste Code:					U099	
Waste Code Desc:					1,2-DIMETHYLHYDRAZINE (OR) HYDRAZINE, 1,2-DIPHENYL-	
Waste Code:					U101	
Waste Code Desc:					2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-	
Waste Code:					U102	
Waste Code Desc:					1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE	
Waste Code:					U103	
Waste Code Desc:					DIMETHYL SULFATE (OR) SULFURIC ACID, DIMETHYL ESTER	
Waste Code:					U105	
Waste Code Desc:					2,4-DINITROTOLUENE (OR) BENZENE, 1-METHYL-2,4-DINITRO-	
Waste Code:					U106	
Waste Code Desc:					2,6-DINITROTOLUENE (OR) BENZENE, 2-METHYL-1,3-DINITRO-	
Waste Code:					U107	
Waste Code Desc:					1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER (OR) DI-N-OCTYL PHTHALATE	
Waste Code:					U108	
Waste Code Desc:					1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE	
Waste Code:					U109	
Waste Code Desc:					1,2-DIPHENYLHYDRAZINE (OR) HYDRAZINE, 1,2-DIPHENYL-	
Waste Code:					U110	
Waste Code Desc:					1-PROPANIMINE, N-PROPYL-(I) (OR) DIPROPYLAMINE (I)	
Waste Code:					U111	
Waste Code Desc:					1-PROPANAMINE, N-NITROSO-N-PROPYL- (OR) DI-N-PROPYLNITROSAMINE	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		U112				
Waste Code Desc:		ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)				
Waste Code:		U113				
Waste Code Desc:		2-PROPENOIC ACID, ETHYL ESTER (I) (OR) ETHYL ACRYLATE (I)				
Waste Code:		U114				
Waste Code Desc:		CARBAMODITHIOIC ACID, 1,2-ETHANEDIYLBIS-, SALTS & ESTERS (OR) ETHYLENEBISDITHIOCARBAMIC ACID, SALTS & ESTERS				
Waste Code:		U115				
Waste Code Desc:		ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)				
Waste Code:		U116				
Waste Code Desc:		2-IMIDAZOLIDINETHIONE (OR) ETHYLENETHIOUREA				
Waste Code:		U117				
Waste Code Desc:		ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)				
Waste Code:		U118				
Waste Code Desc:		2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER (OR) ETHYL METHACRYLATE				
Waste Code:		U119				
Waste Code Desc:		ETHYL METHANESULFONATE (OR) METHANESULFONIC ACID, ETHYL ESTER				
Waste Code:		U120				
Waste Code Desc:		FLUORANTHENE				
Waste Code:		U121				
Waste Code Desc:		METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFUOROMETHANE				
Waste Code:		U122				
Waste Code Desc:		FORMALDEHYDE				
Waste Code:		U123				
Waste Code Desc:		FORMIC ACID (C,T)				
Waste Code:		U124				
Waste Code Desc:		FURAN (I) (OR) FURFURAN (I)				
Waste Code:		U125				
Waste Code Desc:		2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)				
Waste Code:		U126				
Waste Code Desc:		GLYCIDYLALDEHYDE (OR) OXIRANECARBOXYALDEHYDE				
Waste Code:		U127				
Waste Code Desc:		BENZENE, HEXACHLORO- (OR) HEXACHLOROBENZENE				
Waste Code:		U128				
Waste Code Desc:		1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO- (OR) HEXACHLOROBUTADIENE				
Waste Code:		U129				
Waste Code Desc:		CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE				
Waste Code:		U130				
Waste Code Desc:		1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO- (OR) HEXACHLOROCYCLOPENTADIENE				
Waste Code:		U131				
Waste Code Desc:		ETHANE, HEXACHLORO- (OR) HEXACHLOROETHANE				
Waste Code:		U132				
Waste Code Desc:		HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-				
Waste Code:		U133				
Waste Code Desc:		HYDRAZINE (R,T)				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code:		U134				
Waste Code Desc:		HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)				
Waste Code:		U135				
Waste Code Desc:		HYDROGEN SULFIDE (OR) HYDROGEN SULFIDE H2S				
Waste Code:		U136				
Waste Code Desc:		ARSINIC ACID, DIMETHYL- (OR) CACODYLIC ACID				
Waste Code:		U137				
Waste Code Desc:		INDENO[1,2,3-CD]PYRENE				
Waste Code:		U138				
Waste Code Desc:		METHANE, IODO- (OR) METHYL IODIDE				
Waste Code:		U140				
Waste Code Desc:		1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)				
Waste Code:		U141				
Waste Code Desc:		1,3-BENZODIOXOLE, 5-(1-PROPENYL)- (OR) ISOSAFROLE				
Waste Code:		U142				
Waste Code Desc:		1,3,4-METHENO-2H-CYCLOBUTA[CD]PENTALEN-2-ONE, 1,1A,3,3A,4,5,5A,5B,6-DECACHLOROOCCTAHYDRO- (OR) KEPONE				
Waste Code:		U143				
Waste Code Desc:		2-BUTENOIC ACID, 2-METHYL-, 7-[[2,3-DIHYDROXY-2-(1-METHOXYETHYL)-3-METHYL-1-OXOBUTOXY]METHYL]-2,3,5,7A-TETRAHYDRO-1H-PYRROLIZIN-1-YL ESTER, [1S-[1ALPHA(Z), 7(2S*,3R*), 7AALPHA]]- (OR) LASIOCARPINE				
Waste Code:		U144				
Waste Code Desc:		ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE				
Waste Code:		U145				
Waste Code Desc:		LEAD PHOSPHATE (OR) PHOSPHORIC ACID, LEAD(2+) SALT (2:3)				
Waste Code:		U146				
Waste Code Desc:		LEAD SUBACETATE (OR) LEAD, BIS(ACETATO-O)TETRAHYDROXYTRI-				
Waste Code:		U147				
Waste Code Desc:		2,5-FURANDIONE (OR) MALEIC ANHYDRIDE				
Waste Code:		U148				
Waste Code Desc:		3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO- (OR) MALEIC HYDRAZIDE				
Waste Code:		U149				
Waste Code Desc:		MALONONITRILE (OR) PROPANEDINITRILE				
Waste Code:		U150				
Waste Code Desc:		L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN				
Waste Code:		U151				
Waste Code Desc:		MERCURY				
Waste Code:		U152				
Waste Code Desc:		2-PROPENENITRILE, 2-METHYL- (I,T) (OR) METHACRYLONITRILE (I,T)				
Waste Code:		U153				
Waste Code Desc:		METHANETHIOL (I,T) (OR) THIOMETHANOL (I,T)				
Waste Code:		U154				
Waste Code Desc:		METHANOL (I) (OR) METHYL ALCOHOL (I)				
Waste Code:		U155				
Waste Code Desc:		1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-2-PYRIDINYL-N'-(2-THIENYLMETHYL)- (OR) METHAPYRILENE				
Waste Code:		U156				
Waste Code Desc:		CARBOCHLORIDIC ACID, METHYL ESTER, (I,T) (OR) METHYL CHLOROCARBONATE (I,T)				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
<i>Waste Code:</i>		U157				
<i>Waste Code Desc:</i>		3-METHYLCHOLANTHRENE (OR) BENZ[J]ACEANTHRYLENE, 1,2-DIHYDRO-3-METHYL-				
<i>Waste Code:</i>		U158				
<i>Waste Code Desc:</i>		4,4'-METHYLENEBIS(2-CHLOROANILINE) (OR) BENZENAMINE, 4,4'-METHYLENEBIS[2-CHLORO-				
<i>Waste Code:</i>		U159				
<i>Waste Code Desc:</i>		2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)				
<i>Waste Code:</i>		U160				
<i>Waste Code Desc:</i>		2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)				
<i>Waste Code:</i>		U161				
<i>Waste Code Desc:</i>		4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-				
<i>Waste Code:</i>		U162				
<i>Waste Code Desc:</i>		2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)				
<i>Waste Code:</i>		U163				
<i>Waste Code Desc:</i>		GUANIDINE, N-METHYL-N'-NITRO-N-NITROSO- (OR) MNNG				
<i>Waste Code:</i>		U164				
<i>Waste Code Desc:</i>		4(1H)-PYRIMIDINONE, 2,3-DIHYDRO-6-METHYL-2-THIOXO- (OR) METHYLTHIOURACIL				
<i>Waste Code:</i>		U165				
<i>Waste Code Desc:</i>		NAPHTHALENE				
<i>Waste Code:</i>		U166				
<i>Waste Code Desc:</i>		1,4-NAPHTHALENEDIONE (OR) 1,4-NAPHTHOQUINONE				
<i>Waste Code:</i>		U167				
<i>Waste Code Desc:</i>		1-NAPHTHALENAMINE (OR) ALPHA-NAPHTHYLAMINE				
<i>Waste Code:</i>		U168				
<i>Waste Code Desc:</i>		2-NAPHTHALENAMINE (OR) BETA-NAPHTHYLAMINE				
<i>Waste Code:</i>		U169				
<i>Waste Code Desc:</i>		BENZENE, NITRO- (OR) NITROBENZENE (I,T)				
<i>Waste Code:</i>		U170				
<i>Waste Code Desc:</i>		P-NITROPHENOL (I,T) (OR) PHENOL, 4-NITRO-				
<i>Waste Code:</i>		U171				
<i>Waste Code Desc:</i>		2-NITROPROPANE (I,T) (OR) PROPANE, 2-NITRO- (I,T)				
<i>Waste Code:</i>		U172				
<i>Waste Code Desc:</i>		1-BUTANAMINE, N-BUTYL-N-NITROSO- (OR) N-NITROSODI-N-BUTYLAMINE				
<i>Waste Code:</i>		U173				
<i>Waste Code Desc:</i>		ETHANOL, 2,2'-(NITROSOIMINO)BIS- (OR) N-NITROSODIETHANOLAMINE				
<i>Waste Code:</i>		U174				
<i>Waste Code Desc:</i>		ETHANAMINE, N-ETHYL-N-NITROSO- (OR) N-NITROSODIETHYLAMINE				
<i>Waste Code:</i>		U176				
<i>Waste Code Desc:</i>		N-NITROSO-N-ETHYLUREA (OR) UREA, N-ETHYL-N-NITROSO-				
<i>Waste Code:</i>		U177				
<i>Waste Code Desc:</i>		N-NITROSO-N-METHYLUREA (OR) UREA, N-METHYL-N-NITROSO-				
<i>Waste Code:</i>		U178				
<i>Waste Code Desc:</i>		CARBAMIC ACID, METHYLNITROSO-, ETHYL ESTER (OR) N-NITROSO-N-METHYLURETHANE				
<i>Waste Code:</i>		U179				
<i>Waste Code Desc:</i>		N-NITROSOPIPERIDINE (OR) PIPERIDINE, 1-NITROSO-				
<i>Waste Code:</i>		U180				
<i>Waste Code Desc:</i>		N-NITROSOPYRROLIDINE (OR) PYRROLIDINE, 1-NITROSO-				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
<i>Waste Code:</i>		U181				
<i>Waste Code Desc:</i>		5-NITRO-O-TOLUIDINE (OR) BENZENAMINE, 2-METHYL-5-NITRO				
<i>Waste Code:</i>		U182				
<i>Waste Code Desc:</i>		1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE				
<i>Waste Code:</i>		U183				
<i>Waste Code Desc:</i>		BENZENE, PENTACHLORO- (OR) PENTACHLOROBENZENE				
<i>Waste Code:</i>		U184				
<i>Waste Code Desc:</i>		ETHANE, PENTACHLORO- (OR) PENTACHLOROETHANE				
<i>Waste Code:</i>		U185				
<i>Waste Code Desc:</i>		BENZENE, PENTACHLORONITRO- (OR) PENTACHLORONITROBENZENE (PCNB)				
<i>Waste Code:</i>		U186				
<i>Waste Code Desc:</i>		1,3-PENTADIENE (I) (OR) 1-METHYLBUTADIENE (I)				
<i>Waste Code:</i>		U187				
<i>Waste Code Desc:</i>		ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN				
<i>Waste Code:</i>		U188				
<i>Waste Code Desc:</i>		PHENOL				
<i>Waste Code:</i>		U189				
<i>Waste Code Desc:</i>		PHOSPHORUS SULFIDE (R) (OR) SULFUR PHOSPHIDE (R)				
<i>Waste Code:</i>		U190				
<i>Waste Code Desc:</i>		1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE				
<i>Waste Code:</i>		U191				
<i>Waste Code Desc:</i>		2-PICOLINE (OR) PYRIDINE, 2-METHYL-				
<i>Waste Code:</i>		U192				
<i>Waste Code Desc:</i>		BENZAMIDE, 3,5-DICHLORO-N-(1,1-DIMETHYL-2-PROPYNYL)- (OR) PRONAMIDE				
<i>Waste Code:</i>		U193				
<i>Waste Code Desc:</i>		1,2-OXATHIOLANE, 2,2-DIOXIDE (OR) 1,3-PROPANE SULTONE				
<i>Waste Code:</i>		U194				
<i>Waste Code Desc:</i>		1-PROPANAMINE (I,T) (OR) N-PROPYLAMINE (I,T)				
<i>Waste Code:</i>		U196				
<i>Waste Code Desc:</i>		PYRIDINE				
<i>Waste Code:</i>		U197				
<i>Waste Code Desc:</i>		2,5-CYCLOHEXADIENE-1,4-DIONE (OR) P-BENZOQUINONE				
<i>Waste Code:</i>		U200				
<i>Waste Code Desc:</i>		RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL) OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-				
<i>Waste Code:</i>		U201				
<i>Waste Code Desc:</i>		1,3-BENZENEDIOL (OR) RESORCINOL				
<i>Waste Code:</i>		U202				
<i>Waste Code Desc:</i>		1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS				
<i>Waste Code:</i>		U203				
<i>Waste Code Desc:</i>		1,3-BENZODIOXOLE, 5-(2-PROPENYL)- (OR) SAFROLE				
<i>Waste Code:</i>		U204				
<i>Waste Code Desc:</i>		SELENIOUS ACID (OR) SELENIUM DIOXIDE				
<i>Waste Code:</i>		U205				
<i>Waste Code Desc:</i>		SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)				
<i>Waste Code:</i>		U206				
<i>Waste Code Desc:</i>		D-GLUCOSE, 2-DEOXY-2-[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

Hazardous Waste Handler Details

Seq No: 7
 Receive Date: 20190103
 Handler Name: OWENS CORNING NON-WOVEN-BLYTHEWOOD LLC
 Fed Waste Generator: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Notification

Waste Code Details

Waste Code: D001
 Waste Code Desc: IGNITABLE WASTE

Hazardous Waste Handler Details

Seq No: 8
 Receive Date: 20190827
 Handler Name: OWENS CORNING NON-WOVEN-BLYTHEWOOD LLC
 Fed Waste Generator: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Notification

Waste Code Details

Waste Code: D001
 Waste Code Desc: IGNITABLE WASTE

Hazardous Waste Handler Details

Seq No: 9
 Receive Date: 20210913
 Handler Name: OWENS CORNING NON-WOVEN-BLYTHEWOOD LLC
 Fed Waste Generator: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Notification

Waste Code Details

Waste Code: D001
 Waste Code Desc: IGNITABLE WASTE

 Waste Code: D002
 Waste Code Desc: CORROSIVE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner
 Type: Private
 Name: CASCO NOBEL AMERICA INC
 Dt Became Current:
 Dt Ended Current:
 Phone: 914-674-5000
 Source Type: Notification

Street No:
 Street1: 7 LIVINGSTONE AVE
 Street2:
 City: DOBBS FERRY
 State: NY
 Country: US
 Zip: 10522

Owner/Operator Ind: Current Owner
 Type: Private
 Name: COVERIGHT SURFACES USA CO BR
 UNKNOWN

Street No:
 Street1:
 Street2:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Dt Became Current: Dt Ended Current: Phone: Source Type:	20030101 Annual/Biennial Report				City: State: Country: US Zip:	
Owner/Operator Ind: Type: Name: Dt Became Current: Dt Ended Current: Phone: Source Type:	Current Operator Private OPERNAME 404-555-1212 Notification				Street No: Street1: OPERSTREET Street2: City: OPERCITY State: WY Country: Zip: 99999	
Owner/Operator Ind: Type: Name: Dt Became Current: Dt Ended Current: Phone: Source Type:	Current Owner Private CASCO NOBEL AMERICA INC 914-674-5000 Notification				Street No: Street1: 7 LIVINGSTONE AVE Street2: City: DOBBS FERRY State: NY Country: Zip: 10522	
Owner/Operator Ind: Type: Name: Dt Became Current: Dt Ended Current: Phone: Source Type:	Current Owner Private CASCO IMPREGNATED PAPERS INC 19970701 803-735-3243 Notification				Street No: Street1: 1051 JENKINS BROTHERS RD Street2: City: BLYTHEWOOD State: SC Country: US Zip: 29016	
Owner/Operator Ind: Type: Name: Dt Became Current: Dt Ended Current: Phone: Source Type:	Current Owner Private CASCO IMPREGNATED PAPERS INC 19970701 803-735-3243 Notification				Street No: Street1: 1051 JENKINS BROTHERS RD Street2: City: BLYTHEWOOD State: SC Country: Zip: 29016	
Owner/Operator Ind: Type: Name: Dt Became Current: Dt Ended Current: Phone: Source Type:	Current Operator Private COVERIGHT SURFACES USA CO BR UNKNOWN 20030101 Annual/Biennial Report				Street No: Street1: Street2: City: State: Country: US Zip:	
Owner/Operator Ind: Type: Name: Dt Became Current: Dt Ended Current: Phone: Source Type:	Current Owner Private CASCO NOBEL AMERICA INC 20040116 914-674-5000 Notification				Street No: Street1: 7 LIVINGSTONE AVE Street2: City: DOBBS FERRY State: NY Country: US Zip: 10522	
Owner/Operator Ind: Type: Name: Dt Became Current: Dt Ended Current: Phone: Source Type:	Current Owner Private SURFACES USA CO 20040116 803-754-4810 Notification				Street No: Street1: 1051 JENKINS BROTHERS RD Street2: City: BLYTHEWOOD State: SC Country: US Zip: 29016	
Owner/Operator Ind: Type: Name: Dt Became Current: Dt Ended Current: Phone: Source Type:	Current Operator Private COVERIGHT SURFACES USA CO 20040116 803-754-4810 Notification				Street No: Street1: 1051 JENKINS BROTHERS RD Street2: City: BLYTHEWOOD State: SC Country: US Zip: 29016	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Owner/Operator Ind:	Current Owner			Street No:	1051	
Type:	Private			Street1:	JENKINS BROTHERS RD	
Name:	OWENS CORNING NON-WOVEN-BLYTHEWOOD LLC			Street2:		
Dt Became Current:				City:	BLYTHEWOOD	
Dt Ended Current:				State:	SC	
Phone:				Country:	US	
Source Type:	Notification			Zip:	29016	
Owner/Operator Ind:	Current Operator			Street No:	1051	
Type:	Private			Street1:	JENKINS BROTHERS RD	
Name:	ROBERT SELZER			Street2:		
Dt Became Current:				City:	BLYTHEWOOD	
Dt Ended Current:				State:	SC	
Phone:				Country:	US	
Source Type:	Notification			Zip:	29016	

Historical Handler Details

Receive Dt: 20190827
Generator Code Description: Very Small Quantity Generator
Handler Name: OWENS CORNING NON-WOVEN-BLYTHEWOOD LLC

Receive Dt: 20190103
Generator Code Description: Very Small Quantity Generator
Handler Name: OWENS CORNING NON-WOVEN-BLYTHEWOOD LLC

Receive Dt: 20120815
Generator Code Description: Very Small Quantity Generator
Handler Name: COVERIGHT SURFACES USA CO

Receive Dt: 20080404
Generator Code Description: Very Small Quantity Generator
Handler Name: COVERIGHT SURFACES USA CO

Receive Dt: 20040519
Generator Code Description: Small Quantity Generator
Handler Name: COVERIGHT SURFACES USA CO

Receive Dt: 20040101
Generator Code Description: Large Quantity Generator
Handler Name: COVERIGHT SURFACES USA CO

Receive Dt: 20020301
Generator Code Description: Large Quantity Generator
Handler Name: CASCO IMPREGNATED PAPERS AMERICA CO

Receive Dt: 20010117
Generator Code Description: Large Quantity Generator
Handler Name: CASCO IMPREGNATED PAPERS AMERICA CO

Receive Dt: 20001026
Generator Code Description: Large Quantity Generator
Handler Name: CASCO IMPREGNATED PAPERS AMERICA CO

Receive Dt: 20000801
Generator Code Description: Large Quantity Generator
Handler Name: CASCO IMPREGNATED PAPERS AMERICA CO

Receive Dt: 20000103
Generator Code Description: Large Quantity Generator
Handler Name: CASCO IMPREGNATED PAPERS AMERICA CO

Receive Dt: 19980301
Generator Code Description: Large Quantity Generator
Handler Name: CASCO IMPREGNATED PAPERS AMERICA CO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Receive Dt:		19960301				
Generator Code Description:		Large Quantity Generator				
Handler Name:		BORDEN DECORATIVE PRODUCTS				
Receive Dt:		19940301				
Generator Code Description:		Large Quantity Generator				
Handler Name:		BORDEN DECORATIVE PRODUCTS				
Receive Dt:		19920302				
Generator Code Description:		Large Quantity Generator				
Handler Name:		ORCHARD DECORATIVE PRODUCTS				
Receive Dt:		19900301				
Generator Code Description:		Large Quantity Generator				
Handler Name:		ORCHARD DECORATIVE PRODUCTS				

<u>1</u>	2 of 4	SE	0.10 / 502.36	452.92 / 2	1051 JENKINS BROTHERS RD BLYTHEWOOD SC	HMIRS
Incident County:		RICHLAND				

HMIR Historical Reports

Report No:	I-2002120264	Fed DOT Agency Nm:	
Report Type:	A hazardous material incident	Fed DOT Report No:	
Date of Incident:	2002-10-22	Report Submit Src:	Paper
Time of Incident:	0945	Inc Multiple Rows:	No
Haz Class Code:		Inc Non US State:	
Hazardous Class:	9	Mode Transport:	Highway
Commodity Short Nm:	ENVIRONMENTALLY HAZARDOU	Transport Phase:	Unloading
Commodity Long Nm:	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.	Incident Occrrnce:	
Trade Name:	FORMALDEHYDE (RESIN)	Mat Ship Approval?:	No
ID No:	UN3082	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	No
Haz Waste EPA No:		Packaging Type:	Portable Tank
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	SUTTLES TRUCK LEASING INC
Qty Released:	2	CR Street Name:	P O BOX 129-2460 HIGHWAY 43 S
Unit of Measure:	Liquid - Gallon	CR City:	DEMOPOLIS
What Failed:		CR State:	AL
What Failed Desc:		CR Postal Code:	36732
How Failed Code:		CR Non US State:	
How Failed Desc:		CR Fed DOT ID:	226673
Failure Cause Code:		CR Hazmat Reg ID:	
Failure Cause Desc:		CR Country:	US
Ident. Markings:		Shipper Name:	BORDEN CHEMICAL CO INC
Cont1 Pkging Type:		Shipper Street Name:	1411 INDUSTRIAL DR
Cont1 Const Mat:		Shipper City:	FAYETTEVILLE
Cont1 Head Type:		Shipper State:	NC
Cont1 Pkg Capacity:	0	Shipper Postal:	28301
C1 Capacity UOM:		Shipper Non US St:	
Cont1 Pkg Amt:	0	Shipper Country:	US
C1 Pkg Amt UOM:		Shipper Waybill:	00212017
Cont1 Pkg No:	1	Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	1	Origin City:	
Cont1 Pkg Mnfctr:	NOT REPORTED BY CARRIER	Origin State:	
Cont1 Pkg Mnfc Dt:	0-00-00 00:00:00	Origin Postal:	
Cont1 Pkg Serial NO:	DT1635	Origin Non US St:	
C1 Pkg Last Test Dt:	0-00-00 00:00:00	Origin Country:	US
C1 Test Const Mat:		Destination City:	BLYTHEWOOD
C1 Pkg Dsign Pres.:	0	Destination State:	SOUTH CAROLINA
C1 Dsign Press UOM:		Destination Postal:	29016
C1 Pkg Shell Thick:	0	Destination Non US:	
C1 Shell Thick UOM:		Destination Country:	US
C1 Head Thickness:	0	Cont2 Package Type:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
C1 Head Thick UOM:					Cont2 Const Mat:	
C1 Pkg Srvc Pres.:	0				Cont2 Pkg Capacity:	0
C1 Srvc Press UOM:					Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No				Cont2 Pkg Amount:	0
C1 Device Type:					Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:					Cont2 Pkg No:	0
C1 Device Model:					Cont2 Pkg No Failed:	0
NRC No:						
<hr/>						
RAM Pkg Category:					Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE				Haz NonHosp Old:	
RAM Pkg Cert. NBR:					Tot Haz Non Hosp Inj:	
RAM Nuclide S:					Total Hazmat Injuries:	0
RAM Transport Index:					Evacuation Indicator:	No
RAM UOM:					Public Evacuated:	0
RAM Activity Rpted:	0				Employees Evac:	0
RAM UOM Rpted:					Total Evacuated:	0
RAM Activity:	0				Total Evacuation Hrs:	0
RAM Activity UOM:					Major Artery Closed:	No
RAM Mat Safety:					Mjr Artery Hrs Closed:	0
Spillage Result:	Yes				Material Involved:	No
Fire Result:	No				Estimated Speed:	0
Explosion Result:	No				Weather Conditions:	
Water Sewer Result:	No				Vehicle Overturn:	No
Gas Dispersion:	No				Vehicle Left Roadway:	No
Environment Damage:	No				Passenger Aircraft:	No
No Release Result:	No				Cargo Baggage:	
Fire EMS Report:	No				Ship Non Transport:	No
Fire EMS EMS Report:					Ship Air First Flight:	No
Police Report:	No				Ship Air Subflight:	No
Police Report No:					Ship Init Transport:	No
In House Cleanup:	No				Ship Phase Transfer:	No
Other Cleanup:	No				Contact Name:	BOB BONICH
Damage > 500:	No				Contact Title:	V P HUMAN RESOURCES
Material Loss:	200				Contact Business:	
Carrier Damage:	0				Contact Street:	
Property Damage:	0				Contact City:	
Response Cost:	0				Contact State:	
Remediation Cost:	0				Contact Postal:	
Damage Old Form:	0				Contact Non US St:	
Total Damages Amt:	200				Contact Country:	US
Hazmat Fatality:	No				Inc. Report Prepared:	
Haz Fatal Employees:	0				HMIS Serious Incidnt:	No
Haz Fatal Respntrs:	0				HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0				HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0				HMIS Flight Plan:	No
Non Hazmat Fatality:	No				HMIS Serious Evacs:	No
Non Hazmat Fatals:	0				HMIS Major Artery:	No
Hazmat Injury:	No				HMIS Bulk Release:	No
Haz Hospital Empl:	0				HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0				HMIS Radioactive:	No
Haz Hosp Gen Public:	0				HMIS Gen Pkg Type:	TANK
Haz Hosp Old Form:	0				HMIS Container Code:	TANK TRK
Total Haz Hosp Inj:	0				HMIS Container Desc:	Tank truck, tank mounted on truck chassis
Haz Non Hosp Empl:	0				HMIS Bulk Incident:	Yes
Haz Non Hosp Resp:	0				Undeclared Shipment:	No
Description of Events:						DRIVER HAD UNLOADING AND WAS BLEEDING LINE INTO A BUCKET. DRIVER LEFT THE BUCKET UNDER THE LINE AND WENT TO HIS TRUCK TO PUT AWAY HIS HOSES. WHILE THE DRIVER WAS AWAY. THE BUCKET OVER FLOWED SPILLING RESIDUE OF PRODUCT.
Recommend Actions Taken:						

<u>1</u>	3 of 4	SE	0.10 / 502.36	452.92 / 2	CASCO IMPREG- BLYTHEWOOD 1051 JENKINS BROTHERS ROAD BLYTHEWOOD SC 29016	TSCA
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List Company:
Site County:
Site Latitude:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Longitude: Longitude83: Latitude83: Data Source:						
2002 Site Details						
CBI Chem ID:	N			Sitel:	N	
CBI Comp ID:	N			CBI Site L:	N	
CAS Access:	74895			CBI PLNT SIT:	N	
C Or A:	C			LERR Code:		
MFGIMP:	I			Hold Flag:		
CBI MFGIMP:	N					
Comp Name:		CASCO IMPREGNATED PAPERS, AMERICA COMPANY				
Chem Name:		MONOMETHYLAMINE				
Lcomments:						
CBI Chem ID:	N			Sitel:	N	
CBI Comp ID:	N			CBI Site L:	N	
CAS Access:	15535292			CBI PLNT SIT:	N	
C Or A:	C			LERR Code:		
MFGIMP:	I			Hold Flag:		
CBI MFGIMP:	N					
Comp Name:		CASCO IMPREGNATED PAPERS, AMERICA COMPANY				
Chem Name:		MONO ETHANOLAMMONIUM SULFITE				
Lcomments:						
CBI Chem ID:	N			Sitel:	N	
CBI Comp ID:	N			CBI Site L:	N	
CAS Access:	104154			CBI PLNT SIT:	N	
C Or A:	C			LERR Code:		
MFGIMP:	I			Hold Flag:		
CBI MFGIMP:	N					
Comp Name:		CASCO IMPREGNATED PAPERS, AMERICA COMPANY				
Chem Name:		P-TOLUENE SULPHONIC ACID				
Lcomments:						
1	4 of 4	SE	0.10 / 502.36	452.92 / 2	OWENS CORNING NON-WOVEN LLC - BLYTHEWOOD 1051 Jenkins Brothers Road BLYTHEWOOD SC 29016 SC	AIR PERMIT
Permit:	TV-1900-0093			Permit Category:	AIR-Title V Operating Permit	
Permit Issue Date:	11/14/2013			Latitude:	34.1816	
Permit Effec Date:	01/01/2014			Longitude:	-80.9637	
Permit Type:	AIR-TV-Regular					
NAICS Cd:	Nonwoven Fabric Mills (313230) Paper Bag and Coated and Treated Paper Manufacturing (322220)					
SIC Cd:	Coated and Laminated Paper (2672) Nonwoven Fabrics (2297)					
EPA Link:	https://echo.epa.gov/detailed-facility-report?fid=SC00019000093					
Permit PDF:	https://pubdoc.dhec.sc.gov/AirPermitCoverage/1900-0093.pdf					
Attachment:	Not Applicable					
Details						
Contact Name:	Thomas Diaz					
Contact Email:	tom.diaz@owenscorning.com					
Contact Phone:	8036467387					
Contact Address:	1051 JENKINS BROTHERS RD BLYTHEWOOD SC 29016					
2	1 of 2	SSW	0.11 / 584.78	449.35 / -1	SHARPE SHOPPE IV 10400 WILSON BLVD BLYTHEWOOD SC 29016	UST
Site No:	17740			Facility ID (Prohib):		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Permit:	P 17740				Fac Name (Prohib):	
Category:	Retail Sales				Fac Addr (Prohib):	
No of Tanks:	3				Fac City (Prohib):	
Billable:	3				Facility Name (Web):	SHARPE SHOPPE IV
Abandoned:	0				Facility Addr (Web):	10400 WILSON BLVD
Other:	0				Facility City (Web):	BLYTHEWOOD
Last Inspection:	3/28/2023				Zip Code (Web):	29016
Facility Name:	SHARPE SHOPPE IV				County (Web):	
Facility Address:	10400 WILSON BLVD				Phone (Web):	803-333-0307
Facility Zip:	29016				Tank Owner Phone:	803-754-3319
Facility Phone:	803-333-0307				Land Owner Phone:	
Facility State:	SC				Operator Phone:	
Facility City:	BLYTHEWOOD				Facility Contact:	TIM WILKES
County Code:	40					
Business Address:	10400 WILSON BLVD BLYTHEWOOD SC 29016					
Tank Owner Business Address:	BLYTHEWOOD OIL COMPANY INC PO BOX 123 BLYTHEWOOD SC 29016-0123					
Land Owner Business Address:						
Operator Business Address:						
Facility Link:	https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/17740					
Source:	DHEC Underground Storage Tank Registry (Web); DHEC Management Tracking UST 'C' List					

Tank Information - UST Registry Search

Tank No:	1	Chem:	
Case No:		Left Gal:	
Class:	P	Owner at ABD:	
Status:	Currently in Use	Last Use:	
Capacity:	20000	Aband:	
Variance:		Method:	
Product:	Gasoline RUL	Under Dispnr Cont:	True
Overfill Type:	Drop Tube Shut-off	Drop Tube:	True
Verified:	6/7/2021	Tank Const:	Steel Clad
Constr Date:	2/3/1997	Tank Protect:	Fiberglass Coating
Operat Date:	9/9/1997	Tank Tested:	
Notify:	2/3/1997	Tank Cont Meth:	Single wall
Spill Prevention:	2/3/1997	Pipe Cont Meth:	Double wall
Compliance:	3/29/2023	Pipe Protect:	Flexible
Comp Status:	In Compliance	Pipe Tested:	
Age at Notif:	0	Pipe Const:	Flex piping in all its forms
Dist to Well (ft):	101	Piping Type:	Pressure
Tank Leak Det:	Automatic tank gauge 8/24/2005		
Pipe Leak Det:	Mechanical Line Leak Detector 12/14/2022 Line Tightness Test 12/14/2022		
Tank No:	2	Chem:	
Case No:		Left Gal:	
Class:	P	Owner at ABD:	
Status:	Currently in Use	Last Use:	
Capacity:	15000	Aband:	
Variance:		Method:	
Product:	Gasoline Super/Prem	Under Dispnr Cont:	True
Overfill Type:	Drop Tube Shut-off	Drop Tube:	True
Verified:	6/7/2021	Tank Const:	Steel Clad
Constr Date:	2/3/1997	Tank Protect:	Fiberglass Coating
Operat Date:	9/9/1997	Tank Tested:	
Notify:	2/3/1997	Tank Cont Meth:	Single wall
Spill Prevention:	2/3/1997	Pipe Cont Meth:	Double wall
Compliance:	3/29/2023	Pipe Protect:	Flexible
Comp Status:	In Compliance	Pipe Tested:	
Age at Notif:	0	Pipe Const:	Flex piping in all its forms
Dist to Well (ft):	101	Piping Type:	Pressure
Tank Leak Det:	Automatic tank gauge		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Pipe Leak Det:		8/24/2005 Mechanical Line Leak Detector 12/14/2022 Line Tightness Test 12/14/2022				
Tank No:	3				Chem:	
Case No:					Left Gal:	
Class:	P				Owner at ABD:	
Status:	Currently in Use				Last Use:	
Capacity:	8000				Aband:	
Variance:					Method:	
Product:	Multiple petroleum				Under Dispnr Cont:	True
Overfill Type:	Drop Tube Shut-off				Drop Tube:	True
Verified:	6/7/2021				Tank Const:	Steel Clad
Constr Date:	5/11/2011				Tank Protect:	Fiberglass Coating
Operat Date:	8/17/2011				Tank Tested:	
Notify:	5/11/2011				Tank Cont Meth:	Double wall
Spill Prevention:	6/29/2011				Pipe Cont Meth:	Double wall
Compliance:	3/29/2023				Pipe Protect:	Flexible
Comp Status:	In Compliance				Pipe Tested:	
Age at Notif:	0				Pipe Const:	Flex piping in all its forms
Dist to Well (ft):	100				Piping Type:	Suction
Tank Leak Det:		Automatic tank gauge Interstitial Monitoring Interstitial Monitoring 7/19/2011 Automatic tank gauge Interstitial Monitoring 1/25/2016 Mechanical Line Leak Detector 12/14/2022 Interstitial Monitoring 12/14/2022 European Suction				
Pipe Leak Det:						

Tank Information - UST 'C' List

Tank No:	3	Tank Owner State:	SC
Capacity Gal:	8000	Tank Owner Zip:	29016-0123
Status Code:	CIU	Tank Owner Phone:	803-754-3319
Status:	Currently in Use	Facility:	SHARPE SHOPPE IV
Chemical:	MP	Contact 1:	TIM WILKES
Age at Notif. Years:	0	Phone 1:	803-333-0307
Owner:	BLYTHEWOOD OIL COMPANY INC	Facility Address:	10400 WILSON BLVD
Tank Owner Contact:	TIM WILKES	City 1:	BLYTHEWOOD
Street:	PO BOX 123	St 1:	SC
Tank Owner City:	BLYTHEWOOD	Zip 1:	29016
Tank No:	2	Tank Owner State:	SC
Capacity Gal:	15000	Tank Owner Zip:	29016-0123
Status Code:	CIU	Tank Owner Phone:	803-754-3319
Status:	Currently in Use	Facility:	SHARPE SHOPPE IV
Chemical:	PREM	Contact 1:	TIM WILKES
Age at Notif. Years:	0	Phone 1:	803-333-0307
Owner:	BLYTHEWOOD OIL COMPANY INC	Facility Address:	10400 WILSON BLVD
Tank Owner Contact:	TIM WILKES	City 1:	BLYTHEWOOD
Street:	PO BOX 123	St 1:	SC
Tank Owner City:	BLYTHEWOOD	Zip 1:	29016
Tank No:	1	Tank Owner State:	SC
Capacity Gal:	20000	Tank Owner Zip:	29016-0123
Status Code:	CIU	Tank Owner Phone:	803-754-3319
Status:	Currently in Use	Facility:	SHARPE SHOPPE IV
Chemical:	RUL	Contact 1:	TIM WILKES
Age at Notif. Years:	0	Phone 1:	803-333-0307
Owner:	BLYTHEWOOD OIL COMPANY INC	Facility Address:	10400 WILSON BLVD
Tank Owner Contact:	TIM WILKES	City 1:	BLYTHEWOOD

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Street:	PO BOX 123			St 1:	SC	
Tank Owner City:	BLYTHEWOOD			Zip 1:	29016	

Tank Information - Financial Responsibility

Financial Mechanism: Letter of Credit
Expiration Date: 2/17/2025

<u>2</u>	2 of 2	SSW	0.11 / 584.78	449.35 / -1	SHARPE SHOPPE IV 10400 WILSON BLVD BLYTHEWOOD SC 29016	LUST
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Permit:	P 17740	Site No (EFIS):	
Category:	Retail Sales	Facility Name (EFIS):	
No of Tanks:	3	Fac Address (EFIS):	
Billable:	3	Facility City (EFIS):	
Abandoned:	0	Facility State (EFIS):	
Other:	0	Facility Zip (EFIS):	
Last Inspection:	3/28/2023	Facility (Web):	SHARPE SHOPPE IV
Facility:	SHARPE SHOPPE IV	Address (Web):	10400 WILSON BLVD
Facility Street:	10400 WILSON BLVD	City (Web):	BLYTHEWOOD
Facilit City:	BLYTHEWOOD	Zip Code (Web):	29016
Facility State :	SC	County (Web):	RICHLAND
Facility Zip:	29016	Phone (Web):	803-333-0307
County Code:	40	Tank Owner Phone:	803-754-3319
Fac County:		Land Owner Phone:	
Operator Phone:			
Business Address:	10400 WILSON BLVD BLYTHEWOOD SC 29016		
Tank Owner Business Addr:	BLYTHEWOOD OIL COMPANY INC PO BOX 123 BLYTHEWOOD SC 29016-0123		
Land Owner Business Addr:			
Operator Business Addr:			
Facility Link:	https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/17740		
Data Source:	DHEC Underground Storage Tank Registry (Web); DHEC Confirmed Release Report (LUST)		

DHEC Online Registry - Release Report

Release No:	1	Project Manager:	PLACE, DENISE M
Source:	UST	Compliance Req:	True
Reported:	1/27/2009	Compliance Met:	False
Confirmed:	1/29/2009	Compliance Date:	
RBCA/ Score:	/	Abatement Met:	
Responsible Party:	BLYTHEWOOD OIL COMPANY INC	NFA:	1/29/2009
Product:		Fin Type:	
Emergency Resp:		Fin Res Mechanism:	
Superb Qualified:		Cleanup MCL:	
Superb Determ Date:		Cleanup Initiated:	1/29/2009
Transferred:		Cleanup Complete:	1/29/2009

DHEC Confirmed Release Report

Release No:	1	Confirmed:	1/29/2009
NFA:	1/29/2009	Tank Owner:	BLYTHEWOOD OIL COMPANY INC
Product:		Status Desc:	
Proj Mgr:	PLACEDM	Score:	
Status:		Rank:	
Reported:	1/27/2009		
Rank Desc:			
Facility:	SHARPE SHOPPE IV		
Facility Street:	10400 WILSON BLVD		
Facility City:	BLYTHEWOOD		
Fac County:	Richland		
Facility Zip:	29016		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility State:		SC				
3	1 of 3	NW	0.12 / 612.82	450.41 / 0	MINI MART 10447 WILSON BLVD BLYTHEWOOD SC 29016	LUST
Permit:		P 10503	Site No (EFIS):		UST-10503	
Category:		Retail Sales	Facility Name (EFIS):		STOP N SHOP	
No of Tanks:		8	Fac Address (EFIS):		10447 WILSON BLVD	
Billable:		0	Facility City (EFIS):		BLYTHEWOOD	
Abandoned:		8	Facility State (EFIS):		SC	
Other:		0	Facility Zip (EFIS):		29016	
Last Inspection:		7/6/2022	Facility (Web):		MINI MART	
Facility:		MINI MART	Address (Web):		10447 WILSON BLVD	
Facility Street:		10447 WILSON BLVD	City (Web):		BLYTHEWOOD	
Facilit City:		BLYTHEWOOD	Zip Code (Web):		29016	
Facility State :		SC	County (Web):		RICHLAND	
Facility Zip:		29016	Phone (Web):			
County Code:		40	Tank Owner Phone:		803-403-6362	
Fac County:			Land Owner Phone:		803-403-6362	
Operator Phone:		803-403-6362				
Business Address:		10447 WILSON BLVD BLYTHEWOOD SC 29016				
Tank Owner Business Addr:		AMT PROPERTIES LLC 1415 BEECHFERN CIR ELGIN SC 29045				
Land Owner Business Addr:		AMT PROPERTIES LLC 1415 BEECHFERN CIR ELGIN SC 29045				
Operator Business Addr:		AMT PROPERTIES LLC 1415 BEECHFERN CIR ELGIN SC 29045				
Facility Link:		https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/10503				
Data Source:		DHEC Underground Storage Tank Registry (Web); DHEC Confirmed Release Report (LUST); DHEC LUST Data (EFIS)				

DHEC Online Registry - Release Report

Release No:	2	Project Manager:	SAMPLE-HILERIO, JEYMARIS
Source:	UST	Compliance Req:	True
Reported:	1/2/2024	Compliance Met:	False
Confirmed:	3/14/2024	Compliance Date:	
RBCA/ Score:	2BB - Watersupply wells < 1000 feet downgrade / 0	Abatement Met:	6/21/2023
Responsible Party:	AMT PROPERTIES LLC	NFA:	
Product:	Petroleum	Fin Type:	Cannot qualify (Not in SC)
Emergency Resp:		Fin Res Mechanism:	
Superb Qualified:		Cleanup MCL:	
Superb Determ Date:		Cleanup Initiated:	
Transferred:		Cleanup Complete:	
Release No:	1	Project Manager:	WYKEL, JAMES M
Source:	UST	Compliance Req:	False
Reported:	1/10/1992	Compliance Met:	True
Confirmed:	7/8/1996	Compliance Date:	
RBCA/ Score:	2BB - Watersupply wells < 1000 feet downgrade / 120	Abatement Met:	3/5/1992
Responsible Party:	AMT PROPERTIES LLC	NFA:	
Product:		Fin Type:	With SUPERB
Emergency Resp:		Fin Res Mechanism:	
Superb Qualified:		Cleanup MCL:	
Superb Determ Date:		Cleanup Initiated:	4/22/1999
Transferred:		Cleanup Complete:	

DHEC Confirmed Release Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Release No:	1			Confirmed:	7/8/1996	
NFA:				Tank Owner:	AMT PROPERTIES LLC	
Product:	PETRO			Status Desc:	Active Corrective Action	
Proj Mgr:	WYKELJM			Score:		
Status:	4			Rank:	2BB	
Reported:	1/10/1992					
Rank Desc:		Watersupply wells < 1000 feet downgrade				
Facility:		MINI MART				
Facility Street:		10447 WILSON BLVD				
Facility City:		BLYTHEWOOD				
Fac County:		Richland				
Facility Zip:		29016				
Facility State:		SC				
Release No:	2			Confirmed:	3/14/2024	
NFA:				Tank Owner:	AMT PROPERTIES LLC	
Product:	PETROL			Status Desc:	Conducting Investigation/Risk Assessment	
Proj Mgr:	SAMPLEJ			Score:		
Status:	1			Rank:	2BB	
Reported:	1/2/2024					
Rank Desc:		Watersupply wells < 1000 feet downgrade				
Facility:		MINI MART				
Facility Street:		10447 WILSON BLVD				
Facility City:		BLYTHEWOOD				
Fac County:		Richland				
Facility Zip:		29016				
Facility State:		SC				
DHEC EFIS Data Details (Revised 9/5/2017)						
Release No:	1					
Release Date:	1/10/1992					
Project Mgr:	DS					
Confirmed Date:	7/8/1996					
Cleanup Comp Date:						
Cleanup Comp Mcl Dt:						
RP Name:	AUBREY SPIVEY					
RP Address:	449 TURKEY FARM RD					
RP City:	BLYTHEWOOD					
RP State:	SC					
RP Zip:	29016-9124					
SSTL Estab Cd:	CASE					
SCRBCA Class Cd:	CLASS1D					
Depth to GW:	18					
GW Flow Dir Cod:	NW					
Receptor Type Cd:	KUHN, KIMBERLY M					
Rel Fin Type Cd:	DEPT					
CoC Concentrate Cd:						
3	2 of 3	NW	0.12 / 612.82	450.41 / 0	MINI MART 10447 WILSON BLVD BLYTHEWOOD SC 29016	UST
Site No:	10503			Facility ID (Prohib):	10503	
Permit:	P 10503			Fac Name (Prohib):	Mini Mart	
Category:	Retail Sales			Fac Addr (Prohib):	10447 Wilson Blvd	
No of Tanks:	8			Fac City (Prohib):	Blythewood	
Billable:	0			Facility Name (Web):	MINI MART	
Abandoned:	8			Facility Addr (Web):	10447 WILSON BLVD	
Other:	0			Facility City (Web):	BLYTHEWOOD	
Last Inspection:	7/6/2022			Zip Code (Web):	29016	
Facility Name:	MINI MART			County (Web):		
Facility Address:	10447 WILSON BLVD			Phone (Web):		
Facility Zip:	29016			Tank Owner Phone:	803-403-6362	
Facility Phone:				Land Owner Phone:	803-403-6362	
Facility State:	SC			Operator Phone:	803-403-6362	
Facility City:	BLYTHEWOOD			Facility Contact:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
County Code:	40					
Business Address:		10447 WILSON BLVD				
		BLYTHEWOOD SC 29016				
Tank Owner Business Address:		AMT PROPERTIES LLC				
		1415 BEECHFERN CIR				
		ELGIN SC 29045				
Land Owner Business Address:		AMT PROPERTIES LLC				
		1415 BEECHFERN CIR				
		ELGIN SC 29045				
Operator Business Address:		AMT PROPERTIES LLC				
		1415 BEECHFERN CIR				
		ELGIN SC 29045				
Facility Link:		https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/10503				
Source:		DHEC Underground Storage Tank Registry (Web); DHEC Management Tracking UST 'C' List; DHEC Delivery Prohibition List (Prohib)				

Tank Information - UST Registry Search

Tank No:	8	Chem:	
Case No:		Left Gal:	
Class:	P	Owner at ABD:	
Status:	Abandoned	Last Use:	
Capacity:	4000	Aband:	6/21/2023
Variance:	6/22/1987	Method:	Removed
Product:	Gasoline RUL	Under Dispnr Cont:	True
Overfill Type:	Drop Tube Shut-off	Drop Tube:	True
Verified:	11/18/1998	Tank Const:	STi-P3
Constr Date:	6/22/1987	Tank Protect:	Sacrificial Anode
Operat Date:	7/13/1988	Tank Tested:	3/1/2019
Notify:	5/4/1987	Tank Cont Meth:	Single wall
Spill Prevention:	2/20/1997	Pipe Cont Meth:	Single wall
Compliance:	3/2/2023	Pipe Protect:	Fiberglass
Comp Status:	Out of Compliance	Pipe Tested:	
Age at Notif:	0	Pipe Const:	Fiberglass reinforced plastic
Dist to Well (ft):	150	Piping Type:	Pressure
Tank Leak Det:	Automatic tank gauge		
	2/21/2019		

Pipe Leak Det:

Tank No:	1	Chem:	
Case No:		Left Gal:	
Class:	N	Owner at ABD:	SPIVEY, AUBREY
Status:	Abandoned	Last Use:	
Capacity:	2000	Aband:	7/14/1987
Variance:		Method:	Removed
Product:	Kerosene	Under Dispnr Cont:	False
Overfill Type:		Drop Tube:	False
Verified:		Tank Const:	
Constr Date:		Tank Protect:	
Operat Date:		Tank Tested:	
Notify:		Tank Cont Meth:	Single wall
Spill Prevention:		Pipe Cont Meth:	Single wall
Compliance:		Pipe Protect:	
Comp Status:		Pipe Tested:	
Age at Notif:		Pipe Const:	
Dist to Well (ft):		Piping Type:	
Tank Leak Det:			
Pipe Leak Det:			

Tank No:	4	Chem:	
Case No:		Left Gal:	
Class:	N	Owner at ABD:	SPIVEY, AUBREY
Status:	Abandoned	Last Use:	
Capacity:	4000	Aband:	7/14/1987
Variance:		Method:	Removed
Product:	Gasoline	Under Dispnr Cont:	False
Overfill Type:		Drop Tube:	False
Verified:		Tank Const:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Constr Date: Operat Date: Notify: Spill Prevention: Compliance: Comp Status: Age at Notif: Dist to Well (ft): Tank Leak Det: Pipe Leak Det:					Tank Protect: Tank Tested: Tank Cont Meth: Single wall Pipe Cont Meth: Single wall Pipe Protect: Pipe Tested: Pipe Const: Piping Type:	
Tank No: Case No: Class: Status: Capacity: Variance: Product: Overfill Type: Verified: Constr Date: Operat Date: Notify: Spill Prevention: Compliance: Comp Status: Age at Notif: Dist to Well (ft): Tank Leak Det: Pipe Leak Det:	2	N	Abandoned 2000		Chem: Left Gal: Owner at ABD: SPIVEY, AUBREY Last Use: Aband: 7/14/1987 Method: Removed Under Dispnr Cont: False Drop Tube: False Tank Const: Tank Protect: Tank Tested: Tank Cont Meth: Single wall Pipe Cont Meth: Single wall Pipe Protect: Pipe Tested: Pipe Const: Piping Type:	
Tank No: Case No: Class: Status: Capacity: Variance: Product: Overfill Type: Verified: Constr Date: Operat Date: Notify: Spill Prevention: Compliance: Comp Status: Age at Notif: Dist to Well (ft): Tank Leak Det: Pipe Leak Det:	5	N	Abandoned 4000		Chem: Left Gal: Owner at ABD: SPIVEY, AUBREY Last Use: Aband: 7/14/1987 Method: Removed Under Dispnr Cont: False Drop Tube: False Tank Const: Tank Protect: Tank Tested: Tank Cont Meth: Single wall Pipe Cont Meth: Single wall Pipe Protect: Pipe Tested: Pipe Const: Piping Type:	
Tank No: Case No: Class: Status: Capacity: Variance: Product: Overfill Type: Verified: Constr Date: Operat Date: Notify: Spill Prevention: Compliance: Comp Status: Age at Notif: Dist to Well (ft): Tank Leak Det: Pipe Leak Det:	3	N	Abandoned 4000		Chem: Left Gal: Owner at ABD: SPIVEY, AUBREY Last Use: Aband: 7/14/1987 Method: Removed Under Dispnr Cont: False Drop Tube: False Tank Const: Tank Protect: Tank Tested: Tank Cont Meth: Single wall Pipe Cont Meth: Single wall Pipe Protect: Pipe Tested: Pipe Const: Piping Type:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Pipe Leak Det:

Tank No:	6	Chem:	
Case No:		Left Gal:	
Class:	P	Owner at ABD:	AMT PROPERTIES LLC
Status:	Abandoned	Last Use:	
Capacity:	4000	Aband:	6/21/2023
Variance:	6/22/1987	Method:	Removed
Product:	Gasoline RUL	Under Dispnr Cont:	True
Overfill Type:	Drop Tube Shut-off	Drop Tube:	True
Verified:	7/28/2021	Tank Const:	STI-P3
Constr Date:	6/22/1987	Tank Protect:	Sacrificial Anode
Operat Date:	7/13/1988	Tank Tested:	3/1/2019
Notify:	5/4/1987	Tank Cont Meth:	Single wall
Spill Prevention:	2/20/1997	Pipe Cont Meth:	Single wall
Compliance:	3/2/2023	Pipe Protect:	Fiberglass
Comp Status:	Out of Compliance	Pipe Tested:	
Age at Notif:	0	Pipe Const:	Fiberglass reinforced plastic
Dist to Well (ft):	150	Piping Type:	Pressure
Tank Leak Det:	Automatic tank gauge 8/2/2021		
Pipe Leak Det:	Mechanical Line Leak Detector 8/2/2021 Line Tightness Test 8/2/2021		

Tank No:	7	Chem:	
Case No:		Left Gal:	
Class:	P	Owner at ABD:	
Status:	Abandoned	Last Use:	
Capacity:	4000	Aband:	6/21/2023
Variance:	6/22/1987	Method:	Removed
Product:	Gasoline Super/Prem	Under Dispnr Cont:	True
Overfill Type:	Drop Tube Shut-off	Drop Tube:	True
Verified:	7/28/2021	Tank Const:	STI-P3
Constr Date:	6/22/1987	Tank Protect:	Sacrificial Anode
Operat Date:	7/13/1988	Tank Tested:	3/1/2019
Notify:	5/4/1987	Tank Cont Meth:	Single wall
Spill Prevention:	2/20/1997	Pipe Cont Meth:	Single wall
Compliance:	3/2/2023	Pipe Protect:	Fiberglass
Comp Status:	Out of Compliance	Pipe Tested:	
Age at Notif:	0	Pipe Const:	Fiberglass reinforced plastic
Dist to Well (ft):	150	Piping Type:	Pressure
Tank Leak Det:	Automatic tank gauge 8/2/2021		
Pipe Leak Det:	Mechanical Line Leak Detector 8/2/2021 Line Tightness Test 8/2/2021		

Tank Information - UST 'C' List

Tank No:	3	Tank Owner State:	SC
Capacity Gal:	4000	Tank Owner Zip:	29045
Status Code:	ABD	Tank Owner Phone:	803-403-6362
Status:	Abandoned	Facility:	MINI MART
Chemical:	DL	Contact 1:	
Age at Notif. Years:		Phone 1:	
Owner:	AMT PROPERTIES LLC	Facility Address:	10447 WILSON BLVD
Tank Owner Contact:		City 1:	BLYTHEWOOD
Street:	1415 BEECHFERN CIR	St 1:	SC
Tank Owner City:	ELGIN	Zip 1:	29016
Tank No:	6	Tank Owner State:	SC
Capacity Gal:	4000	Tank Owner Zip:	29045
Status Code:	ABD	Tank Owner Phone:	803-403-6362
Status:	Abandoned	Facility:	MINI MART
Chemical:	RUL	Contact 1:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Age at Notif. Years:	0				Phone 1:	
Owner:	AMT PROPERTIES LLC				Facility Address:	10447 WILSON BLVD
Tank Owner Contact:					City 1:	BLYTHEWOOD
Street:	1415 BEECHFERN CIR				St 1:	SC
Tank Owner City:	ELGIN				Zip 1:	29016
Tank No:	7				Tank Owner State:	SC
Capacity Gal:	4000				Tank Owner Zip:	29045
Status Code:	ABD				Tank Owner Phone:	803-403-6362
Status:	Abandoned				Facility:	MINI MART
Chemical:	PREM				Contact 1:	
Age at Notif. Years:	0				Phone 1:	
Owner:	AMT PROPERTIES LLC				Facility Address:	10447 WILSON BLVD
Tank Owner Contact:					City 1:	BLYTHEWOOD
Street:	1415 BEECHFERN CIR				St 1:	SC
Tank Owner City:	ELGIN				Zip 1:	29016
Tank No:	4				Tank Owner State:	SC
Capacity Gal:	4000				Tank Owner Zip:	29045
Status Code:	ABD				Tank Owner Phone:	803-403-6362
Status:	Abandoned				Facility:	MINI MART
Chemical:	GN				Contact 1:	
Age at Notif. Years:					Phone 1:	
Owner:	AMT PROPERTIES LLC				Facility Address:	10447 WILSON BLVD
Tank Owner Contact:					City 1:	BLYTHEWOOD
Street:	1415 BEECHFERN CIR				St 1:	SC
Tank Owner City:	ELGIN				Zip 1:	29016
Tank No:	1				Tank Owner State:	SC
Capacity Gal:	2000				Tank Owner Zip:	29045
Status Code:	ABD				Tank Owner Phone:	803-403-6362
Status:	Abandoned				Facility:	MINI MART
Chemical:	KN				Contact 1:	
Age at Notif. Years:					Phone 1:	
Owner:	AMT PROPERTIES LLC				Facility Address:	10447 WILSON BLVD
Tank Owner Contact:					City 1:	BLYTHEWOOD
Street:	1415 BEECHFERN CIR				St 1:	SC
Tank Owner City:	ELGIN				Zip 1:	29016
Tank No:	2				Tank Owner State:	SC
Capacity Gal:	2000				Tank Owner Zip:	29045
Status Code:	ABD				Tank Owner Phone:	803-403-6362
Status:	Abandoned				Facility:	MINI MART
Chemical:	DL				Contact 1:	
Age at Notif. Years:					Phone 1:	
Owner:	AMT PROPERTIES LLC				Facility Address:	10447 WILSON BLVD
Tank Owner Contact:					City 1:	BLYTHEWOOD
Street:	1415 BEECHFERN CIR				St 1:	SC
Tank Owner City:	ELGIN				Zip 1:	29016
Tank No:	8				Tank Owner State:	SC
Capacity Gal:	4000				Tank Owner Zip:	29045
Status Code:	ABD				Tank Owner Phone:	803-403-6362
Status:	Abandoned				Facility:	MINI MART
Chemical:	RUL				Contact 1:	
Age at Notif. Years:	0				Phone 1:	
Owner:	AMT PROPERTIES LLC				Facility Address:	10447 WILSON BLVD
Tank Owner Contact:					City 1:	BLYTHEWOOD
Street:	1415 BEECHFERN CIR				St 1:	SC
Tank Owner City:	ELGIN				Zip 1:	29016
Tank No:	5				Tank Owner State:	SC
Capacity Gal:	4000				Tank Owner Zip:	29045
Status Code:	ABD				Tank Owner Phone:	803-403-6362
Status:	Abandoned				Facility:	MINI MART
Chemical:	GN				Contact 1:	
Age at Notif. Years:					Phone 1:	
Owner:	AMT PROPERTIES LLC				Facility Address:	10447 WILSON BLVD
Tank Owner Contact:					City 1:	BLYTHEWOOD

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Street:	1415 BEECHFERN CIR			St 1:	SC	
Tank Owner City:	ELGIN			Zip 1:	29016	
<u>Tank Information - Financial Responsibility</u>						
Financial Mechanism:	Self Insurance 280.101					
Expiration Date:	5/1/2024					
<u>DHEC Delivery Prohibition List</u>						
Facility Owner:	Amt Properties LLC					
Facility Product:	Compliance/Fees					
Facility Tank Size:	All tanks/All Products					
Facility Phone:	803-403-6362					
<u>3</u>	3 of 3	NW	0.12 / 612.82	450.41 / 0	SPIVEYS SERVICE STATION 10447 WILSON BLVD BLYTHEWOOD SC 29016	UST
Site No:				Facility ID (Prohib):		
Permit:	N 07861			Fac Name (Prohib):		
Category:	Retail Sales			Fac Addr (Prohib):		
No of Tanks:	0			Fac City (Prohib):		
Billable:	0			Facility Name (Web):	SPIVEYS SERVICE STATION	
Abandoned:	0			Facility Addr (Web):	10447 WILSON BLVD	
Other:	0			Facility City (Web):	BLYTHEWOOD	
Last Inspection:				Zip Code (Web):	29016	
Facility Name:				County (Web):		
Facility Address:				Phone (Web):		
Facility Zip:				Tank Owner Phone:		
Facility Phone:				Land Owner Phone:		
Facility State:				Operator Phone:		
Facility City:				Facility Contact:		
County Code:	40					
Business Address:	10447 WILSON BLVD BLYTHEWOOD SC 29016					
Tank Owner Business Address:	SPIVEY, AUBREY 449 TURKEY FARM RD BLYTHEWOOD SC 29016-9124					
Land Owner Business Address:						
Operator Business Address:						
Facility Link:	https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/07861					
Source:	DHEC Underground Storage Tank Registry (Web)					

<u>4</u>	1 of 1	SSW	0.17 / 873.67	447.81 / -3	BORDEN DECORATIVE PRODUCTS 1 JENKINS BROTHER RD BLYTHEWOOD SC 29016-9802	UST
Site No:				Facility ID (Prohib):		
Permit:	N 15525			Fac Name (Prohib):		
Category:				Fac Addr (Prohib):		
No of Tanks:	0			Fac City (Prohib):		
Billable:	0			Facility Name (Web):	BORDEN DECORATIVE PRODUCTS	
Abandoned:	0			Facility Addr (Web):	1 JENKINS BROTHER RD	
Other:	0			Facility City (Web):	BLYTHEWOOD	
Last Inspection:	1/19/1996			Zip Code (Web):	29016-9802	
Facility Name:				County (Web):		
Facility Address:				Phone (Web):	803-754-4810	
Facility Zip:				Tank Owner Phone:		
Facility Phone:				Land Owner Phone:		
Facility State:				Operator Phone:		
Facility City:				Facility Contact:		
County Code:	40					
Business Address:	1 JENKINS BROTHER RD					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Tank Owner Business Address: BLYTHEWOOD SC 29016-9802 BORDEN INC RT 2 BOX 53-A BLYTHEWOOD SC 29016-9802 Land Owner Business Address: Operator Business Address: Facility Link: https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/15525 Source: DHEC Underground Storage Tank Registry (Web)						
<u>5</u>	1 of 1	ESE	0.19 / 1,012.81	450.16 / 0	OWENS CORNING NON-WOVEN LLC - BLYTHEWOOD BLYTHEWOOD SC	PFAS IND
Status: Active Fac Indian Cntry Flg: No Fac Derived Huc: 03050104 Fac Derived Wbd: 030501040205 Fac Derived Cd113: 06 Fac Derived Cb2010: 450790101021167 Fac Informal Count: 1 Last Informal Action: 7/25/2023 Formal Action Count: 0 Last Formal Action: 11/30/1992 Fac Total Penalties: 0 Fac Penalty Count: - Date Last Penalty: 11/30/1992 Last Penalty Amt: 14000 Fac Qtrs With Nc: 1 Programs With Snc: 0 Fac Percent Minority: 53.528 Fac Pop Den: 577.44 Count: 1 Fac County: RICHLAND State Other : Region: 4 Latitude: 34.18078 Longitude: -80.96251 Fac Derived Tribes: - AIR IDs: SC00019000093 CAA Permit Types: Major Emissions CAA NAICS: 322220 CAA SICS: - NPDES IDs: SCR003094 SCR006089 CWA Permit Types: Non-M CWA NAICS: - CWA SICS: 2672 RCRA IDs: SCD987566437 RCRA Permit Types: VSQG RCRA NAICS: 313230 SDWA IDs: - SDWA System Types: - SDWA Compliance Status: - SDWA Snc Flag: No Fac Collection Meth: ADDRESS MATCHING-HOUSE NUMBER EJSCREEN Flag Us: EJSCREEN Report: ECHO Facility Report: https://echo.epa.gov/detailed-facility-report?fid=110002232487 Industry: Textiles and Leather Industry: Paper Mills and Products						
<u>6</u>	1 of 1	SSW	0.23 / 1,197.88	442.32 / -8	PATTERSON LOGISTICS SERVICES INC 925 CAROLINA PINES BLVD STE A	RCRA SQG

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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BLYTHEWOOD SC 29061

Handler ID: SCR000780346
Generator Status: SQG
Recycler Activity?: NO
Recycler Activity Note: This facility has not been identified as a Recycler Facility from both the RCRA Handler and Biennial Report Modules.

Violation/Evaluation Summary

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

Handler Summary

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

Additional Handler Summary Details

Source Type:	N	NAIC 1:	423450
Seq No:	3	NAIC 2:	423490
Non Notifier:		NAIC 3:	
Receive Date:	20230309	NAIC 4:	
Active Site:	H----	State:	SC
Land Type:	P	Location Latitude:	34.171344
In Handler Univ:	Y	Location Longitude:	-80.968389
In A Universe:	Y	Loc GIS Primary:	N
Gen Status:	SQG	Loc GIS Origin:	AG
Report Cycle:		State District Owner:	SC
Accessibility:		State District:	CM
Region:	04		
Fed Waste Gen Owner:	HQ		
State Waste Generator Owner:	SC		
State Waste Generator:	4		
Short Term Generator:	N		
Uni Waste:	N		
Universal Waste Dest Facility:	N		
Federal Universal Waste:	N		
As Federally Regulated Tsdf:	-----		
As Converter Tsdf:	-----		
As State Regulated Tsdf:	-----		
As State Regulated Handler:	---		
Federal Indicator:	---		
Hsm:	N		
Subpart K:	----		
GPRA Permit:	N		
GPRA Renewal:	N		
Permit Renewal Wrkld:	-----		
Permrk ID:	-----		
Perm Prog:	-----		
Pcwrkld:	-----		
Closwrkld:	-----		
GPRA Ca:	N		
Cawrkld:	N		
Subjca Tsd Discretion:	N		
NCAPS:	N		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
EC Indicator:		N				
Ca725 Indicator:		N				
Ca750 Indicator:		N				
Operating Tsdf:		-----				
Full Enforcement:		-----				
Snc:		N				
Unaddressed Snc:		N				
Addressed Snc:		N				
Snc With Comp Sched:		N				
Fa Required:		-----				
Hhandler Last Change:		20230310				
Recognized Trader Importer:		N				
Recognized Trader Exporter:		N				
Slab Importer:		N				
Slab Exporter:		N				
Manifest Broker:		N				
Subpart P:		H				
Contact Language:		EN				
Handler Name:		PATTERSON LOGISTICS SERVICES INC				
Location Street No:		925				
Location Street1:		CAROLINA PINES BLVD STE A				
Location Street2:						
Location City:		BLYTHEWOOD				
Location State:		SC				
Location Zip:		29061				
Location County Code:		SC079				
Location County Name:		RICHLAND				
Location Country:		US				
Contact Name:		TOBIAS CHAPPELL				
Contact Street No:		925				
Contact Street1:		CAROLINA PINES BLVD STE A				
Contact Street2:						
Contact City:		BLYTHEWOOD				
Contact State:		SC				
Contact Zip:		29016				
Contact Country:		US				
Contact Phone And Ext:		803-691-2202				
Contact Fax:						
Contact Email Address:		TOBIAS.CHAPPELL@PATTERSONCOMPANIES.COM				
Contact Title:		FACILITY MANAGER				
Owner Name:		PATTERSON LOGISTICS SERVICES INC				
Owner Type:		P				
Owner Seq:		1				
Operator Name:		PATTERSON LOGISTICS SERVICES INC				
Operator Type:		P				
Operator Seq:		3				
Public Notes:						

Hazardous Waste Handler Details

Seq No: 1
 Receive Date: 20150817
 Handler Name: PATTERSON LOGISTICS SERVICES INC
 Fed Waste Generator: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Notification

Waste Code Details

Waste Code: D001
 Waste Code Desc: IGNITABLE WASTE

 Waste Code: D002
 Waste Code Desc: CORROSIVE WASTE

 Waste Code: D007

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Desc:		CHROMIUM				
Waste Code:		D009				
Waste Code Desc:		MERCURY				
Waste Code:		D010				
Waste Code Desc:		SELENIUM				
Waste Code:		D011				
Waste Code Desc:		SILVER				
Waste Code:		D024				
Waste Code Desc:		M-CRESOL				
<u>Hazardous Waste Handler Details</u>						
Seq No:		2				
Receive Date:		20211129				
Handler Name:		PATTERSON LOGISTICS SERVICES INC				
Fed Waste Generator:		2				
Generator Code Description:		Small Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Waste Code:		D001				
Waste Code Desc:		IGNITABLE WASTE				
Waste Code:		D002				
Waste Code Desc:		CORROSIVE WASTE				
Waste Code:		D005				
Waste Code Desc:		BARIUM				
Waste Code:		D007				
Waste Code Desc:		CHROMIUM				
Waste Code:		D008				
Waste Code Desc:		LEAD				
Waste Code:		D009				
Waste Code Desc:		MERCURY				
Waste Code:		D010				
Waste Code Desc:		SELENIUM				
Waste Code:		D011				
Waste Code Desc:		SILVER				
Waste Code:		D018				
Waste Code Desc:		BENZENE				
Waste Code:		D024				
Waste Code Desc:		M-CRESOL				
Waste Code:		D026				
Waste Code Desc:		CRESOL				
Waste Code:		D035				
Waste Code Desc:		METHYL ETHYL KETONE				
Waste Code:		P001				
Waste Code Desc:		2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%				
Waste Code:		P042				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Desc:		1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE				
Waste Code:		P075				
Waste Code Desc:		NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-, (S)-, & SALTS				
Waste Code:		U002				
Waste Code Desc:		2-PROPANONE (I) (OR) ACETONE (I)				
Waste Code:		U010				
Waste Code Desc:		AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[AMINOCARBONYLOXY]METHYL]-1,1A, 2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C				
Waste Code:		U035				
Waste Code Desc:		BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL				
Waste Code:		U044				
Waste Code Desc:		CHLOROFORM (OR) METHANE, TRICHLORO-				
Waste Code:		U058				
Waste Code Desc:		2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE				
Waste Code:		U059				
Waste Code Desc:		5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL]OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN				
Waste Code:		U089				
Waste Code Desc:		DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-				
Waste Code:		U122				
Waste Code Desc:		FORMALDEHYDE				
Waste Code:		U129				
Waste Code Desc:		CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE				
Waste Code:		U144				
Waste Code Desc:		ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE				
Waste Code:		U187				
Waste Code Desc:		ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN				
Waste Code:		U188				
Waste Code Desc:		PHENOL				
Waste Code:		U200				
Waste Code Desc:		RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL]OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-				
Waste Code:		U201				
Waste Code Desc:		1,3-BENZENEDIOL (OR) RESORCINOL				
Waste Code:		U206				
Waste Code Desc:		D-GLUCOSE, 2-DEOXY-2-[[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-, D- (OR) STREPTOZOTOCIN				
Waste Code:		U248				
Waste Code Desc:		2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS				

Hazardous Waste Handler Details

Seq No: 3
Receive Date: 20230309
Handler Name: PATTERSON LOGISTICS SERVICES INC
Fed Waste Generator: 2

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Generator Code Description:		Small Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Waste Code:		D001				
Waste Code Desc:		IGNITABLE WASTE				
Waste Code:		D002				
Waste Code Desc:		CORROSIVE WASTE				
Waste Code:		D005				
Waste Code Desc:		BARIUM				
Waste Code:		D007				
Waste Code Desc:		CHROMIUM				
Waste Code:		D008				
Waste Code Desc:		LEAD				
Waste Code:		D009				
Waste Code Desc:		MERCURY				
Waste Code:		D010				
Waste Code Desc:		SELENIUM				
Waste Code:		D011				
Waste Code Desc:		SILVER				
Waste Code:		D018				
Waste Code Desc:		BENZENE				
Waste Code:		D024				
Waste Code Desc:		M-CRESOL				
Waste Code:		D026				
Waste Code Desc:		CRESOL				
Waste Code:		D035				
Waste Code Desc:		METHYL ETHYL KETONE				
Waste Code:		P001				
Waste Code Desc:		2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%				
Waste Code:		P042				
Waste Code Desc:		1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE				
Waste Code:		P075				
Waste Code Desc:		NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS				
Waste Code:		U002				
Waste Code Desc:		2-PROPANONE (I) (OR) ACETONE (I)				
Waste Code:		U010				
Waste Code Desc:		AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[[AMINOCARBONYLOXY]METHYL]-1,1A, 2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C				
Waste Code:		U035				
Waste Code Desc:		BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL				
Waste Code:		U044				
Waste Code Desc:		CHLOROFORM (OR) METHANE, TRICHLORO-				
Waste Code:		U058				
Waste Code Desc:		2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR)				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					CYCLOPHOSPHAMIDE	
Waste Code:					U059	
Waste Code Desc:					5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN	
Waste Code:					U089	
Waste Code Desc:					DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-	
Waste Code:					U122	
Waste Code Desc:					FORMALDEHYDE	
Waste Code:					U129	
Waste Code Desc:					CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE	
Waste Code:					U144	
Waste Code Desc:					ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE	
Waste Code:					U187	
Waste Code Desc:					ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN	
Waste Code:					U188	
Waste Code Desc:					PHENOL	
Waste Code:					U200	
Waste Code Desc:					RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL OXY)-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-	
Waste Code:					U201	
Waste Code Desc:					1,3-BENZENEDIOL (OR) RESORCINOL	
Waste Code:					U206	
Waste Code Desc:					D-GLUCOSE, 2-DEOXY-2-[[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN	
Waste Code:					U248	
Waste Code Desc:					2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS	

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	925
Type:	Private	Street1:	CAROLINA PINES BLVD STE A
Name:	PATTERSON LOGISTICS SERVICES INC	Street2:	
Dt Became Current:	20040701	City:	BLYTHEWOOD
Dt Ended Current:		State:	SC
Phone:	612-590-1476	Country:	US
Source Type:	Notification	Zip:	29016
Owner/Operator Ind:	Current Owner	Street No:	1031
Type:	Private	Street1:	MENDOTA HEIGHTS ROAD
Name:	PATTERSON LOGISTICS SERVICES INC	Street2:	
Dt Became Current:	20040701	City:	SAINT PAUL
Dt Ended Current:		State:	MN
Phone:	612-590-1476	Country:	US
Source Type:	Notification	Zip:	55120
Owner/Operator Ind:	Current Operator	Street No:	925
Type:	Private	Street1:	CAROLINA PINES BLVD STE A
Name:	PATTERSON LOGISTICS SERVICES INC	Street2:	
Dt Became Current:	20150817	City:	BLYTHEWOOD
Dt Ended Current:		State:	SC
Phone:		Country:	US
Source Type:	Notification	Zip:	29016
Owner/Operator Ind:	Current Owner	Street No:	1031

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:	Private			Street1:	MENDOTA HEIGHTS RD	
Name:	PATTERSON LOGISTICS SERVICES INC			Street2:		
Dt Became Current:	20150818			City:	ST PAUL	
Dt Ended Current:				State:	MN	
Phone:				Country:	US	
Source Type:	Notification			Zip:	55120	

Historical Handler Details

Receive Dt: 20211129
Generator Code Description: Small Quantity Generator
Handler Name: PATTERSON LOGISTICS SERVICES INC

Receive Dt: 20150817
Generator Code Description: Very Small Quantity Generator
Handler Name: PATTERSON LOGISTICS SERVICES INC

<u>7</u>	1 of 1	SSW	0.32 / 1,714.82	438.48 / -12	PITT STOP 3 10328 WILSON BLVD BLYTHEWOOD SC 29016-9007	LUST
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Permit:	P 10822	Site No (EFIS):	UST-10822
Category:	Retail Sales	Facility Name (EFIS):	PITT STOP 3
No of Tanks:	6	Fac Address (EFIS):	10328 WILSON BLVD
Billable:	6	Facility City (EFIS):	BLYTHEWOOD
Abandoned:	0	Facility State (EFIS):	SC
Other:	0	Facility Zip (EFIS):	29016-9007
Last Inspection:	9/6/2024	Facility (Web):	PITT STOP 3
Facility:	PITT STOP 3	Address (Web):	10328 WILSON BLVD
Facility Street:	10328 WILSON BLVD	City (Web):	BLYTHEWOOD
Facilit City:	BLYTHEWOOD	Zip Code (Web):	29016-9007
Facility State :	SC	County (Web):	RICHLAND
Facility Zip:	29016-9007	Phone (Web):	
County Code:	40	Tank Owner Phone:	803-749-9293
Fac County:		Land Owner Phone:	202-358-3619
Operator Phone:	803-749-9293		
Business Address:	10328 WILSON BLVD BLYTHEWOOD SC 29016-9007		
Tank Owner Business Addr:	APPLEGREEN OF SOUTH CAROLINA LLC 279 CEDARCREST DR LEXINGTON SC 29072		
Land Owner Business Addr:	GTY-SC LEASING LLC TWO JERICHO PLAZA STE 110 WING C JERICHO NY 11753		
Operator Business Addr:	APPLEGREEN OF SOUTH CAROLINA LLC 279 CEDARCREST DR LEXINGTON SC 29072		
Facility Link:	https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/10822		
Data Source:	DHEC Underground Storage Tank Registry (Web); DHEC Confirmed Release Report (LUST); DHEC LUST Data (EFIS)		

DHEC Online Registry - Release Report

Release No:	2	Project Manager:	EPPERSON, ERIN E
Source:	UST	Compliance Req:	True
Reported:	9/9/2010	Compliance Met:	True
Confirmed:	9/13/2010	Compliance Date:	9/14/2010
RBCA/ Score:	3BA - Free product > 0.01 foot thick / 300100	Abatement Met:	8/19/2010
Responsible Party:	APPLEGREEN OF SOUTH CAROLINA LLC	NFA:	
Product:	Petroleum	Fin Type:	With SUPERB
Emergency Resp:		Fin Res Mechanism:	SELF101
Superb Qualified:	True	Cleanup MCL:	
Superb Determ Date:		Cleanup Initiated:	12/2/2010
Transferred:		Cleanup Complete:	
Release No:	1	Project Manager:	PLACE, DENISE M

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source:	UST				Compliance Req:	True
Reported:	6/25/2009				Compliance Met:	False
Confirmed:	6/25/2009				Compliance Date:	
RBCA/ Score:	/				Abatement Met:	
Responsible Party:	APPLEGREEN OF SOUTH CAROLINA LLC				NFA:	6/25/2009
Product:					Fin Type:	
Emergency Resp:					Fin Res Mechanism:	
Superb Qualified:					Cleanup MCL:	
Superb Determ Date:					Cleanup Initiated:	6/25/2009
Transferred:					Cleanup Complete:	6/25/2009
Release No:	0				Project Manager:	PLACE, DENISE M
Source:	UST				Compliance Req:	True
Reported:	9/22/2021				Compliance Met:	False
Confirmed:					Compliance Date:	
RBCA/ Score:	/				Abatement Met:	
Responsible Party:	APPLEGREEN OF SOUTH CAROLINA LLC				NFA:	9/30/2021
Product:					Fin Type:	
Emergency Resp:					Fin Res Mechanism:	
Superb Qualified:					Cleanup MCL:	
Superb Determ Date:					Cleanup Initiated:	
Transferred:					Cleanup Complete:	

DHEC Confirmed Release Report

Release No:	1				Confirmed:	6/25/2009
NFA:	6/25/2009				Tank Owner:	APPLEGREEN OF SOUTH CAROLINA LLC
Product:					Status Desc:	
Proj Mgr:	PLACEDM				Score:	
Status:					Rank:	
Reported:	6/25/2009					
Rank Desc:						
Facility:	PITT STOP 3					
Facility Street:	10328 WILSON BLVD					
Facility City:	BLYTHEWOOD					
Fac County:	Richland					
Facility Zip:	29016-9007					
Facility State:	SC					
Release No:	2				Confirmed:	9/13/2010
NFA:					Tank Owner:	APPLEGREEN OF SOUTH CAROLINA LLC
Product:	PETROL				Status Desc:	Conducting Investigation/Risk Assessment
Proj Mgr:	EPERSEE				Score:	
Status:	1				Rank:	3BA
Reported:	9/9/2010					
Rank Desc:	Free product > 0.01 foot thick					
Facility:	PITT STOP 3					
Facility Street:	10328 WILSON BLVD					
Facility City:	BLYTHEWOOD					
Fac County:	Richland					
Facility Zip:	29016-9007					
Facility State:	SC					

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

Release No:	2
Release Date:	9/9/2010
Project Mgr:	WS
Confirmed Date:	9/13/2010
Cleanup Comp Date:	
Cleanup Comp Mcl Dt:	
RP Name:	BOB BRANDI STATIONS INC
RP Address:	279 CEDARCREST DR
RP City:	LEXINGTON
RP State:	SC
RP Zip:	29072
SSTL Estab Cd:	MR

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
SCRBCA Class Cd: Depth to GW: GW Flow Dir Cod: Receptor Type Cd: Rel Fin Type Cd: CoC Concentrate Cd:		CLASS2BA 7.26 SW KUHN, KIMBERLY M DEPT				

<u>8</u>	1 of 1	ESE	0.33 / 1,743.16	448.14 / -2	BORDEN DECORATIVE PRODUCTS 1 JENKINS BROTHER RD BLYTHEWOOD SC	DELISTED LST
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Delisted Leaking Above Ground Storage Tanks Details

Site ID: 662
Release No: 1
Project Manager: WRIGHT JOHN
Status: CLOSED
Impacted Code: NO
Type:
Release Date: 5/12/1995
Confirmed:
NFA Dt: 8/29/1997
Transfer:
Product:
Source:
Tier:
Truncated Note:
Soil Impact Code:
User Name: WRIGHTJW
Release Xfer Date:
Suspect NFA Date: 8/29/1997
Release Source Code:
Cleanup Complete Dt:
Local Fac Last Name: BORDEN DECORATIVE PRODUCTS
Local Fac First Name:
Address 2:
State Code: SC
County: Richland
Zip Code: 29016-9802
Local Fac County: 40
District Code: 5
Rp Identifier 1: BORDEN DECORATIVE PRODUCTS
Rp Identifier 2:
Product 2:
Product 3:
Product 4:
Source 2:
Source 3:
Source 4:
Original Source: LAST
Record Date: 02-DEC-2019

<u>9</u>	1 of 1	SSW	0.34 / 1,806.49	437.59 / -13	SC DEPT OF PUBLIC SAFETY 10311 WILSON BLVD BLYTHEWOOD SC 29016	LUST
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Permit: P 18958 Category: State Government No of Tanks: 1 Billable: 0 Abandoned: 1 Other: 0 Last Inspection: 10/15/2018 Facility:	Site No (EFIS): Facility Name (EFIS): Fac Address (EFIS): Facility City (EFIS): Facility State (EFIS): Facility Zip (EFIS): Facility (Web): SC DEPT OF PUBLIC SAFETY Address (Web): 10311 WILSON BLVD
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility Street:				City (Web):		BLYTHEWOOD
Facilit City:				Zip Code (Web):		29016
Facility State :				County (Web):		RICHLAND
Facility Zip:				Phone (Web):		803-896-9000
County Code:		40	Tank Owner Phone:		803-896-7793	
Fac County:		Land Owner Phone:				
Operator Phone:						
Business Address:		10311 WILSON BLVD				
		BLYTHEWOOD SC 29016				
Tank Owner Business Addr:		SC DEPT OF PUBLIC SAFETY				
		PO BOX 1993				
		BLYTHEWOOD SC 29016-1993				
Land Owner Business Addr:						
Operator Business Addr:						
Facility Link:		https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/18958				
Data Source:		DHEC Underground Storage Tank Registry (Web)				

DHEC Online Registry - Release Report

Release No:	0	Project Manager:	PLACE, DENISE M
Source:	UST	Compliance Req:	True
Reported:	2/25/2019	Compliance Met:	False
Confirmed:		Compliance Date:	
RBCA/ Score:	/	Abatement Met:	
Responsible Party:	SC DEPT OF PUBLIC SAFETY	NFA:	3/5/2019
Product:		Fin Type:	
Emergency Resp:		Fin Res Mechanism:	
Superb Qualified:		Cleanup MCL:	
Superb Determ Date:		Cleanup Initiated:	
Transferred:		Cleanup Complete:	

10

1 of 1

ESE

0.38 /
2,008.93

446.18 /
-4

LINDE GAS

PFAS IND

BLYTHEWOOD SC

Status:

Active

Fac Indian Cntry Flg:

No

Fac Derived Huc:

03050104

Fac Derived Wbd:

030501040205

Fac Derived Cd113:

06

Fac Derived Cb2010:

450790101021191

Fac Informal Count:

0

Last Informal Action:

10/30/2012

Formal Action Count:

0

Last Formal Action:

-

Fac Total Penalties:

0

Fac Penalty Count:

-

Date Last Penalty:

-

Last Penalty Amt:

-

Fac Qtrs With Nc:

3

Programs With Snc:

0

Fac Percent Minority:

55.106

Fac Pop Den:

626.29

Count:

1

Fac County:

RICHLAND

State Other :

Region:

4

Latitude:

34.18029

Longitude:

-80.95915

Fac Derived Tribes:

-

AIR IDs:

-

CAA Permit Types:

-

CAA NAICS:

-

CAA SICS:

-

NPDES IDs:

SCG250219

CWA Permit Types:

Non-M

CWA NAICS:

-

Fac Fips Code:

45079

Compliance Status:

No Violation Identified

EPA Programs:

CWA; RCRA

Federal Facility:

No

Federal Agency:

-

Fac Snc Flg:

No

AIR Flag:

No

NPDES Flag:

Yes

SDWIS Flag:

No

RCRAFlag:

Yes

TRI Flag:

No

GHG Flag:

No

TRI IDs:

29016SNXNC10080

TRI Releases Trnsfrs:

-

TRI on Site Releases:

-

TRI off Site Trnsfrs:

-

TRI Reporter:

-

Fac Imp Water Flg:

-

Fac Major Flag:

-

Fac Active Flag:

Yes

Fac Inspection Count:

1

Date Last Inspection:

2/22/2022

Days Last Inspection:

1124

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
CWA SICs:		2813				
RCRA IDs:		SCD987567104				
RCRA Permit Types:		Other				
RCRA NAICS:		-				
SDWA IDs:		-				
SDWA System Types:		-				
SDWA Compliance Status:		-				
SDWA Snc Flag:		No				
Fac Collection Meth:		ADDRESS MATCHING-HOUSE NUMBER				
EJSCREEN Flag Us:						
EJSCREEN Report:						
ECHO Facility Report:		https://echo.epa.gov/detailed-facility-report?fid=110002100244				
Industry:		Industrial Gas				

11	1 of 1	ESE	0.43 / 2,275.77	445.84 / -5	LINDE GAS (FORMERLY HOLOX) 10800 FARROW RD BLYTHWOOD PLNT BLYTHEWOOD SC	DELISTED LST
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Delisted Leaking Above Ground Storage Tanks Details

Site ID: 419
 Release No: 1
 Project Manager: FORREST CHRIS M
 Status:
 Impacted Code: NO
 Type:
 Release Date:
 Confirmed:
 NFA Dt:
 Transfer:
 Product:
 Source:
 Tier:
 Truncated Note:
 Soil Impact Code:
 User Name: FORRESCM
 Release Xfer Date:
 Suspect NFA Date:
 Release Source Code:
 Cleanup Complete Dt:
 Local Fac Last Name: LINDE GAS (FORMERLY HOLOX)
 Local Fac First Name:
 Address 2:
 State Code: SC
 County: Richland
 Zip Code:
 Local Fac County: 40
 District Code: 5
 Rp Identifier 1: SUNOX (INDUSTRIAL WELDING)
 Rp Identifier 2:
 Product 2:
 Product 3:
 Product 4:
 Source 2:
 Source 3:
 Source 4:
 Original Source: LAST
 Record Date: 02-DEC-2019

12	1 of 1	SW	0.48 / 2,544.90	450.91 / 0	COMPUTER SCIENCES CORP 10301 WILSON BLVD BLYTHEWOOD SC 29016	LUST
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Permit:	R 10162				Site No (EFIS):	
Category:					Facility Name (EFIS):	
No of Tanks:	3				Fac Address (EFIS):	
Billable:	0				Facility City (EFIS):	
Abandoned:	3				Facility State (EFIS):	
Other:	0				Facility Zip (EFIS):	
Last Inspection:	10/9/2019				Facility (Web):	COMPUTER SCIENCES CORP
Facility:	COMPUTER SCIENCES CORP				Address (Web):	10301 WILSON BLVD
Facility Street:	10301 WILSON BLVD				City (Web):	BLYTHEWOOD
Facilit City:	BLYTHEWOOD				Zip Code (Web):	29016
Facility State :	SC				County (Web):	RICHLAND
Facility Zip:	29016				Phone (Web):	803-333-5108
County Code:	40				Tank Owner Phone:	803-333-6542
Fac County:					Land Owner Phone:	
Operator Phone:	803-333-5108					
Business Address:	10301 WILSON BLVD					
	BLYTHEWOOD SC 29016					
Tank Owner Business Addr:	DXC TECHNOLOGY SERVICES LLC					
	2 OFFICE PARK CT STE 103					
	COLUMBIA SC 29223					
Land Owner Business Addr:						
Operator Business Addr:	COMPUTER SCIENCES CORP					
	10301 WILSON BLVD					
	BLYTHEWOOD SC 29016					
Facility Link:	https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/10162					
Data Source:	DHEC Underground Storage Tank Registry (Web); DHEC Confirmed Release Report (LUST)					

DHEC Online Registry - Release Report

Release No:	1	Project Manager:	PASLEY, DOUG C
Source:	UST	Compliance Req:	False
Reported:	8/18/1992	Compliance Met:	False
Confirmed:	10/6/1993	Compliance Date:	
RBCA/ Score:	/	Abatement Met:	
Responsible Party:	POLICY MANAGEMENT SYSTEMS CORPORATION	NFA:	10/6/1993
Product:		Fin Type:	Unknown
Emergency Resp:		Fin Res Mechanism:	
Superb Qualified:		Cleanup MCL:	
Superb Determ Date:		Cleanup Initiated:	10/6/1993
Transferred:		Cleanup Complete:	10/6/1993
Release No:	2	Project Manager:	REILLY, CAITLIN M
Source:	UST	Compliance Req:	True
Reported:	10/19/2020	Compliance Met:	True
Confirmed:	12/14/2020	Compliance Date:	12/10/2020
RBCA/ Score:	3BF - GW < 15 feet in sand or gravel / 1	Abatement Met:	10/8/2020
Responsible Party:	DXC TECHNOLOGY SERVICES LLC	NFA:	5/11/2023
Product:	Petroleum	Fin Type:	With SUPERB 25K deductible
Emergency Resp:		Fin Res Mechanism:	SELF101
Superb Qualified:	True	Cleanup MCL:	
Superb Determ Date:		Cleanup Initiated:	3/23/2021
Transferred:		Cleanup Complete:	5/11/2023

DHEC Confirmed Release Report

Release No:	2	Confirmed:	12/14/2020
NFA:	5/11/2023	Tank Owner:	DXC TECHNOLOGY SERVICES LLC
Product:	PETROL	Status Desc:	Monitored Natural Attenuation
Proj Mgr:	REILLYCM	Score:	
Status:	3	Rank:	3BF
Reported:	10/19/2020		
Rank Desc:	GW < 15 feet in sand or gravel		
Facility:	COMPUTER SCIENCES CORP		
Facility Street:	10301 WILSON BLVD		
Facility City:	BLYTHEWOOD		
Fac County:	Richland		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility Zip:		29016				
Facility State:		SC				
Release No:	1				Confirmed:	10/6/1993
NFA:	10/6/1993				Tank Owner:	DXC TECHNOLOGY SERVICES LLC
Product:	PETRO				Status Desc:	
Proj Mgr:	PASLEYDC				Score:	
Status:					Rank:	
Reported:	8/18/1992					
Rank Desc:						
Facility:		COMPUTER SCIENCES CORP				
Facility Street:		10301 WILSON BLVD				
Facility City:		BLYTHEWOOD				
Fac County:		Richland				
Facility Zip:		29016				
Facility State:		SC				

13	1 of 1	SW	0.50 / 2,624.85	435.22 / -15	AFFILIATED COMPUTER SERVICES 10309 WILSON BLVD BLYTHEWOOD SC 29016	LUST
Permit:	R 19236				Site No (EFIS):	
Category:	Retail Sales				Facility Name (EFIS):	
No of Tanks:	2				Fac Address (EFIS):	
Billable:	0				Facility City (EFIS):	
Abandoned:	2				Facility State (EFIS):	
Other:	0				Facility Zip (EFIS):	
Last Inspection:	9/13/2007				Facility (Web):	AFFILIATED COMPUTER SERVICES
Facility:					Address (Web):	10309 WILSON BLVD
Facility Street:					City (Web):	BLYTHEWOOD
Facilit City:					Zip Code (Web):	29016
Facility State :					County (Web):	RICHLAND
Facility Zip:					Phone (Web):	803-753-6583
County Code:	40				Tank Owner Phone:	214-841-6920
Fac County:					Land Owner Phone:	214-841-6920
Operator Phone:	803-753-6500					
Business Address:	10309 WILSON BLVD BLYTHEWOOD SC 29016					
Tank Owner Business Addr:	AFFILIATED COMPUTER SERVICES INC 2828 N HASKELL DALLAS TX 75204					
Land Owner Business Addr:	AFFILIATED COMPUTER SERVICES INC 2828 N HASKELL DALLAS TX 75204					
Operator Business Addr:	TIETJEN, RICHARD 10309 WILSON BLVD BLYTHEWOOD SC 29016					
Facility Link:	https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/19236					
Data Source:	DHEC Underground Storage Tank Registry (Web)					

DHEC Online Registry - Release Report

Release No:	0	Project Manager:	PLACE, DENISE M
Source:	UST	Compliance Req:	True
Reported:	9/25/2008	Compliance Met:	False
Confirmed:		Compliance Date:	
RBCA/ Score:	/	Abatement Met:	
Responsible Party:	AFFILIATED COMPUTER SERVICES INC	NFA:	9/29/2008
Product:		Fin Type:	
Emergency Resp:		Fin Res Mechanism:	
Superb Qualified:		Cleanup MCL:	
Superb Determ Date:		Cleanup Initiated:	
Transferred:		Cleanup Complete:	

Unplottable Summary

Total: 2 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
SPILLS		FARROW RD <i>Incident No:</i> 200907180	BLYTHEWOOD SC		820386773
SPILLS		WILSON RD <i>Incident No:</i> 200301250	BLYTHEWOOD SC		820392472

Unplottable Report

Site: FARROW RD BLYTHEWOOD SC SPILLS

Incident EID:	52031767	Costal CBE Program:	No
Incident No:	200907180	Site Water Body:	
Incident Sub Type:	Oil	SW Affected:	No
District Log No:		Transp Related:	No
DHEC Notified Dt:	11/09/2009	Region Name:	Columbia EQC Office
DHEC Notifi Time:	1250	PRP Last Name:	CONCRETE SUPPLY CO LLC CAMDEN
Observed Date:		PRP First Name:	
Observed Time:		Rcvd By L Name:	SHAWANESSE
Occurred Date:		Rcvd By F Name:	ELIZABETH
Occurred Time:		Rev Last Nm:	SEALEY
Created Date:	09-NOV-09	Revi First Nm:	STEPHEN
Updated Date:	12-NOV-09	Lead Investig L Name:	
Duration:		Lead Investig F Name:	
County:	Richland	Caller Organization:	
Caller Last Name:		Caller First Name:	
Caller Phone:		Caller Extension:	
Spills Water Body:			
PRP Name:			
Spills:			

Spill Details

Substance Name:	HYDRAULIC FLUID	Recovered Qty:	
Estimated Qty:	40	Recovered Unit:	
Estimated Unit:	Gallons		
Comments:			

Site: WILSON RD BLYTHEWOOD SC SPILLS

Incident EID:	4789153	Costal CBE Program:	No
Incident No:	200301250	Site Water Body:	
Incident Sub Type:	Oil	SW Affected:	No
District Log No:		Transp Related:	Yes
DHEC Notified Dt:	04/15/2003	Region Name:	Columbia EQC Office
DHEC Notifi Time:	16:10:00	PRP Last Name:	
Observed Date:	04/15/2003	PRP First Name:	
Observed Time:	15:51:00	Rcvd By L Name:	CHMURA
Occurred Date:		Rcvd By F Name:	TOMASZ
Occurred Time:		Rev Last Nm:	JOHNSON
Created Date:	16-APR-03	Revi First Nm:	SONYA
Updated Date:	23-JUN-03	Lead Investig L Name:	JOHNSON
Duration:	2	Lead Investig F Name:	SONYA
County:	Richland	Caller Organization:	
Caller Last Name:		Caller First Name:	
Caller Phone:		Caller Extension:	
Spills Water Body:			
PRP Name:			
Spills:			

Spill Details

Substance Name:	OIL, [MOTOR]	Recovered Qty:	
Estimated Qty:		Recovered Unit:	
Estimated Unit:			
Comments:	Roll-off was gone by the time I arrived. Oil was present in the dirt/shoulder of the road. Approx 15 ft long area		

effected. Contacted Gerald Shealy of our office, he will evaluated tomorrow and remove the contaminated soil/dirt.

Appendix: Database Descriptions

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

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

Standard Environmental Record Sources

Federal

National Priority List:

NPL

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

Government Publication Date: Dec 13, 2024

National Priority List - Proposed:

PROPOSED NPL

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

Government Publication Date: Dec 13, 2024

Deleted NPL:

DELETED NPL

Sites deleted from the U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL). The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Dec 13, 2024

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

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

Government Publication Date: Feb 26, 2025

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

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

Government Publication Date: Feb 26, 2025

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

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

Government Publication Date: Jun 1985

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

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

Government Publication Date: Dec 31, 1998

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

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

Government Publication Date: Oct 25, 2013

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

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

Government Publication Date: Oct 25, 2013

CERCLIS Liens:[CERCLIS LIENS](#)

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

Government Publication Date: Jan 30, 2014

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

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jan 6, 2025

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

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites that have indicated engagement in the treatment, storage, or disposal of hazardous waste which requires a RCRA hazardous waste permit.

Government Publication Date: Jan 6, 2025

RCRA Generator List:[RCRA LQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jan 6, 2025

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

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jan 6, 2025

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

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jan 6, 2025

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

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jan 6, 2025

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

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

Government Publication Date: Jan 6, 2025

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

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

Government Publication Date: Jan 29, 2025

Federal Institutional Controls- ICs:

FED INST

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

Government Publication Date: Jan 29, 2025

Land Use Control Information System:

LUCIS

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

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites:

NPL IC

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

Government Publication Date: Nov 20, 2024

Emergency Response Notification System:

ERNS 1982 TO 1986

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

Government Publication Date: 1982-1986

Emergency Response Notification System:

ERNS 1987 TO 1989

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

Government Publication Date: 1987-1989

Emergency Response Notification System:

ERNS

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

Government Publication Date: Dec 31, 2024

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

FED BROWNFIELDS

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

Government Publication Date: Feb 19, 2025

FEMA Underground Storage Tank Listing:

FEMA UST

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

Government Publication Date: Dec 31, 2017

Facility Response Plan:

FRP

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

Government Publication Date: Jan 9, 2024

Delisted Facility Response Plans:

DELISTED FRP

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

Government Publication Date: Jan 9, 2024

Historical Gas Stations:

HIST GAS STATIONS

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

Government Publication Date: Jul 1, 1930

Petroleum Refineries:

REFN

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

Government Publication Date: Oct 31, 2024

Petroleum Product and Crude Oil Rail Terminals:

BULK TERMINAL

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

Government Publication Date: Oct 31, 2024

LIEN on Property:

SEMS LIEN

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

Government Publication Date: Jan 29, 2025

Superfund Decision Documents:

SUPERFUND ROD

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

Government Publication Date: Feb 26, 2025

State

State Remediation Projects:

REMEDIATION

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

Government Publication Date: Sep 6, 2024

Permitted Landfills List:

SWF/LF

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

Government Publication Date: Sep 23, 2024

Site Assessment Section Project List:

SASPL

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

Government Publication Date: Aug 14, 2024

Delisted Site Assessment Section Project List:

DELISTED SHWS

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

Government Publication Date: Aug 14, 2024

Leaking Underground Storage Tank List:

LUST

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

Government Publication Date: Jan 22, 2025

Release Incidents - Groundwater Tracking:

LAST

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

Government Publication Date: Jan 7, 2025

Delisted Leaking Storage Tanks:

DELISTED LST

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

Government Publication Date: Jan 22, 2025

Underground Storage Tank List:

UST

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

Government Publication Date: Jan 22, 2025

Aboveground Storage Tanks (SCDA):

AST

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

Government Publication Date: Dec 27, 2024

Aboveground Storage Tanks (SC State Fire):

AST SFM

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

Government Publication Date: Sep 19, 2017

Delisted Storage Tanks:

DELISTED TANKS

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

Government Publication Date: Jan 22, 2025

Registry of Conditional Remedies:

RCR

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

Government Publication Date: Feb 25, 2025

Site Assessment and Remediation Public Record Database:

VCP

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

Government Publication Date: Apr 9, 2025

Brownfields Sites Listing:

BROWNFIELDS

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

Government Publication Date: Jan 7, 2025

Tribal

Leaking Underground Storage Tanks (LUSTs) on Indian Lands:

INDIAN LUST

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

Government Publication Date: Oct 14, 2017

Underground Storage Tanks (USTs) on Indian Lands:

INDIAN UST

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

Government Publication Date: Oct 14, 2017

Delisted Tribal Leaking Storage Tanks:

DELISTED INDIAN LST

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

Government Publication Date: Nov 18, 2024

Delisted Tribal Underground Storage Tanks:

DELISTED INDIAN UST

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

Government Publication Date: Nov 18, 2024

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

PFAS Greenhouse Gas Emissions Data:

PFAS GHG

The U.S. Environmental Protection Agency's Greenhouse Gas Reporting Program (GHGRP) collects Greenhouse Gas (GHG) data from large emitting facilities (25,000 metric tons of carbon dioxide equivalent (CO₂e) per year), and suppliers of fossil fuels and industrial gases that results in GHG emissions when used. Includes GHG emissions data for facilities that emit or have emitted since 2010 chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures by DSSTox. PFAS emissions data has been identified for facilities engaged in the following industrial processes: Aluminum Production (GHGRP Subpart F), HCFC-22 Production and HFC-23 Destruction (Subpart O), Electronics Manufacturing (Subpart I), Fluorinated Gas Production (Subpart L), Magnesium Production (Subpart T), Electrical Transmission and Distribution Equipment Use (Subpart DD), and Manufacture of Electric Transmission and Distribution Equipment (Subpart SS). Over time, other industrial processes with required GHGRP reporting may include PFAS emissions data and the list of reportable gases may change over time.

Government Publication Date: Aug 5, 2024

On-Scene Coordinator Response Sites:

OSC RESPONSE

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

Government Publication Date: Apr 4, 2024

Facility Registry Service/Facility Index:

FINDS/FRS

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

Government Publication Date: Aug 1, 2024

Toxics Release Inventory (TRI) Program:

TRIS

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

Government Publication Date: Sep 20, 2023

PFOA/PFOS Contaminated Sites:

PFAS NPL

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

Government Publication Date: Dec 17, 2024

Federal Agency Locations with Known or Suspected PFAS Detections:

PFAS FED SITES

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

Government Publication Date: Oct 24, 2024

SSEHRI PFAS Contamination Sites:

PFAS SSEHRI

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

Government Publication Date: Jun 27, 2024

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

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

Government Publication Date: Mar 24, 2025

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

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

Government Publication Date: Dec 16, 2024

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

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

Government Publication Date: Sep 20, 2023

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

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

Government Publication Date: Jan 13, 2025

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

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

Government Publication Date: Jan 5, 2023

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

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

Government Publication Date: Mar 23, 2025

PFAS Industry Sectors:

[PFAS IND](#)

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

Government Publication Date: Mar 24, 2025

Hazardous Materials Information Reporting System:

[HMIRS](#)

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

Government Publication Date: May 29, 2024

National Clandestine Drug Labs:

[NCDL](#)

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

Government Publication Date: Nov 30, 2023

Toxic Substances Control Act:

[TSCA](#)

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

Government Publication Date: May 12, 2022

Hist TSCA:

[HIST TSCA](#)

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

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

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

[FTTS ADMIN](#)

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

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

FTTS INSP

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

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

PRP

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

Government Publication Date: Nov 20, 2024

State Coalition for Remediation of Drycleaners Listing:

SCRD DRYCLEANER

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

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

ICIS

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

Government Publication Date: Apr 13, 2024

Drycleaner Facilities:

FED DRYCLEANERS

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

Government Publication Date: Jan 6, 2025

Delisted Drycleaner Facilities:

DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Jan 6, 2025

Formerly Used Defense Sites:

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset which applies to the Fiscal Year 2021 FUDS Inventory.

Government Publication Date: May 15, 2023

FUDS Munitions Response Sites:

FUDS MRS

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

Government Publication Date: May 15, 2023

Former Military Nike Missile Sites:

FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents:

PIPELINE INCIDENT

This list of flagged pipeline incidents is made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types. Accidents reported on hazardous liquid gravity lines (§195.13) and reporting-regulated-only hazardous liquid gathering lines (§195.15) and incidents reported on Type R gas gathering (§192.8(c)) are not included in the flagged incident file data.

Government Publication Date: May 6, 2024

Material Licensing Tracking System (MLTS):

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites:

HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

MINES

The Master Index File (MIF) is provided by the United States Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Feb 5, 2024

Surface Mining Control and Reclamation Act Sites:

SMCRA

This inventory of land and water impacted by past mining (primarily legacy coal mining operations) is maintained by the U.S. Department of the Interior's Office of Surface Mining Reclamation and Enforcement (OSMRE), as it provides information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). This inventory contains information on the type and extent of Abandoned Mine Land (AML) Problems, as well as information on the cost associated with the reclamation of those problems. The data is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed. Disclaimer: Per the OSMRE, States and tribes who enter their data into e-AMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

Government Publication Date: May 20, 2024

Mineral Resource Data System:

MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites:

LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Title II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 12, 2023

Alternative Fueling Stations:

ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

Government Publication Date: Aug 29, 2024

Superfunds Consent Decrees:

CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Cases filed since 2010 limited to the following: Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS); and applicable ENRD's Environmental Defense Section (EDS) CERCLA Cases with "Consent" in History Note. CMS may not reflect the latest developments in a case, nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jun 26, 2024

Air Facility System:

AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments:

SSTS

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Feb 29, 2024

Polychlorinated Biphenyl (PCB) Transformers:

PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers:

PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: May 23, 2024

Power Plants:

POWER PLANTS

This list of power plants is provided by the U.S. Energy Information Administration (EIA). The listing includes operable electric generating plants in the United States by energy source, originating from the EIA-860, Annual Electric Generator Report; EIA-860M, Monthly Update to the Annual Electric Generator Report; and EIA-923, Power Plant Operations Report. It includes all operable plants by energy source with a combined nameplate capacity of 1 megawatt or more that are operating, are on standby, or out of service for short- or long-term.

State

Spills List:

SPILLS

A list of spills and releases managed by the South Carolina Department of Environmental Services (SCDES).

Government Publication Date: Sep 24, 2024

Drycleaning Facility Restoration Trust Fund Database:

DRYCLEAN FUND

This Priorities list of Drycleaning Facility Restoration Trust Fund (DFRTF) facilities is provided by South Carolina Department of Environmental Services (SCDES) Bureau of Land and Waste Management. The SCDES is responsible for administering the DFRTF to manage the assessment and remediation of drycleaning facilities statewide by prioritizing sites for future funding based on available assessment information. The Funding Priority system categorizes sites into one of five groups and is designed to identify sites that require immediate action to eliminate the risk of human exposure, prevent imminent exposure to environmental contamination, or indicate no funded activity planned when applicable.

Government Publication Date: Apr 16, 2024

Dry Cleaners:

DRY CLEANERS

A list of dry cleaners provided by the former South Carolina Department of Health and Environmental Control (DHEC), now known as the South Carolina Department of Environmental Services (SCDES). The SCDES no longer maintains this list of dry cleaners. Please refer to the Priorities list of Drycleaning Facility Restoration Trust Fund facilities as the currently available listing.

Government Publication Date: Jan 9, 2019

Delisted Drycleaning Facilities:

DELISTED DRYCLEANERS

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

Government Publication Date: Apr 16, 2024

Air Permitted Facilities:

AIR PERMIT

The South Carolina Department of Environmental Services (SCDES) Bureau of Air Quality (BAQ) issues permits limiting the amount of regulated air contaminants emitted at a facility. According to the BAQ, an air permit is a legal document that lists what a source must do in order to comply with the state and federal air pollution laws. The facility's potential to emit emissions determines if a facility is classified as major or minor or if the facility has to undergo a major modification. The BAQ issues construction permit, operating permits, general permits, and registration permits. Some permits may be exempted, such as: construction permit exemptions specified in Regulation 61-62.1, Section II (B)(1)(a) through (c), Regulation 61-62.70.2(r), and Regulation 61-62.1, Section II (B)(2)(a) through (h); source- specific exemptions; and emission-level exemptions specified in Regulation 61-62.5 - Standard No. 8, Toxic Air Pollutants.

Government Publication Date: Sep 13, 2024

Underground Injection Control Wells:

UIC

This list of Underground Injection Control Class V Wells is provided by the South Carolina Department of Environmental Services (SCDES). The majority of Class V Wells are aquifer remediation injection wells, and the remaining are Aquifer Storage and Recovery Wells (storage of potable water in the subsurface).

Government Publication Date: May 6, 2024

Agricultural Facilities:

AGRI FAC

A list of agricultural facilities (animal farms) provided by the former South Carolina Department of Health and Environmental Control (DHEC), now known as the South Carolina Department of Environmental Services (SCDES). The DHEC made no warranty, representation or guarantee as to the content, sequence, accuracy, timeliness or completeness of the data information provided herein.

Government Publication Date: Jan 23, 2025

Surface Water PFAS Sampling:

PFAS SAMPLING

The South Carolina Department of Environmental Services (SCDES) has implemented the Ambient Surface Water PFAS Strategy to monitor Per- and Polyfluoroalkyl Substances (PFAS) levels in surface water and associated biota. The Ambient Surface Water Strategy includes analysis of samples from lakes, rivers, and streams across South Carolina, as well as samples from fish, oyster, and blue crab. This summary data includes concentrations each time the site was sampled for six individual PFAS: PFOA, PFOS, PFNA, HFPO-DA or Gen-X, PFHxS, and PFBS. Concentrations identified with a dash (-) indicate the compound was analyzed for but not detected. The SCDES provides this data for general reference purposes only and provides no warranty as to its accuracy, reliability or completeness.

Government Publication Date: May 16, 2024

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX D

Historical Research Documentation



HISTORICAL AERIALS

Project Property: Blythewood
10424 Wilson Boulevard
Blythewood SC

Project No: PJ22040

Requested By: Hanley Environmental, PLLC

Order No: 25042101182

Date Completed: April 22, 2025

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Environmental Risk Information Services

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1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
1938	Agricultural Stabilization & Conserv. Service	1" = 500'	
1943	Agricultural Stabilization & Conserv. Service	1" = 500'	
1951	Agricultural Stabilization & Conserv. Service	1" = 500'	
1955	Agricultural Stabilization & Conserv. Service	1" = 500'	
1964	United States Air Force	1" = 500'	
1971	United States Geological Survey	1" = 500'	
1983	United States Geological Survey	1" = 500'	
1994	United States Geological Survey	1" = 500'	
2005	United States Department of Agriculture	1" = 500'	
2006	United States Department of Agriculture	1" = 500'	
2009	United States Department of Agriculture	1" = 500'	
2011	United States Department of Agriculture	1" = 500'	
2013	United States Department of Agriculture	1" = 500'	
2015	United States Department of Agriculture	1" = 500'	
2017	United States Department of Agriculture	1" = 500'	
2019	United States Department of Agriculture	1" = 500'	
2021	United States Department of Agriculture	1" = 500'	
2023	Maxar Technologies	1" = 500'	

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500
Feet

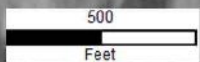


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Source: ASCS
Scale: 1" = 500'
Comment:

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Approx Center: -80.96677193,34.18358481

Order No: 25042101182





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

Address: 10424 Wilson Boulevard, Blythewood, SC
Approx Center: -80.96677193,34.18358481

Order No: 25042101182



500
Feet



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

Address: 10424 Wilson Boulevard, Blythewood, SC
Approx Center: -80.96677193,34.18358481

Order No: 25042101182



500
Feet



Year: 1955
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 10424 Wilson Boulevard, Blythewood, SC
Approx Center: -80.96677193,34.18358481

Order No: 25042101182



500
Feet

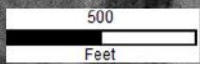


Year: 1964
Source: USAF
Scale: 1" = 500'
Comment:

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Approx Center: -80.96677193,34.18358481

Order No: 25042101182





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

Address: 10424 Wilson Boulevard, Blythewood, SC
Approx Center: -80.96677193,34.18358481

Order No: 25042101182



500
Feet



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

Address: 10424 Wilson Boulevard, Blythewood, SC
Approx Center: -80.96677193,34.18358481

Order No: 25042101182



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Feet

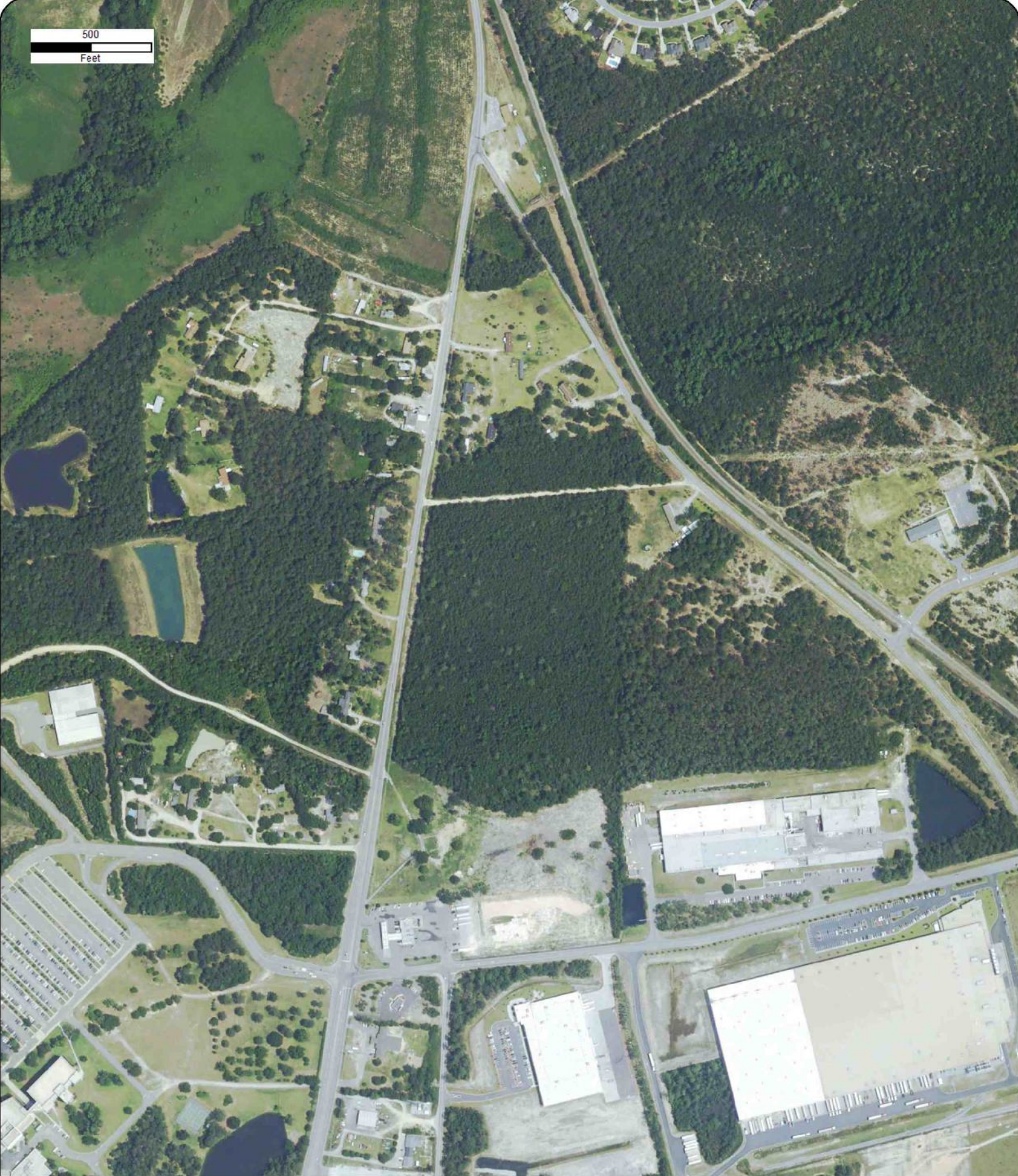
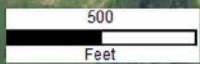


Year: 1994
Source: USGS
Scale: 1" = 500'
Comment:

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Approx Center: -80.96677193,34.18358481

Order No: 25042101182





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

Address: 10424 Wilson Boulevard, Blythewood, SC
Approx Center: -80.96677193,34.18358481

Order No: 25042101182



500
Feet



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

Address: 10424 Wilson Boulevard, Blythewood, SC
Approx Center: -80.96677193,34.18358481

Order No: 25042101182



500
Feet



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

Address: 10424 Wilson Boulevard, Blythewood, SC
Approx Center: -80.96677193,34.18358481

Order No: 25042101182





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

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Approx Center: -80.96677193,34.18358481

Order No: 25042101182



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Feet



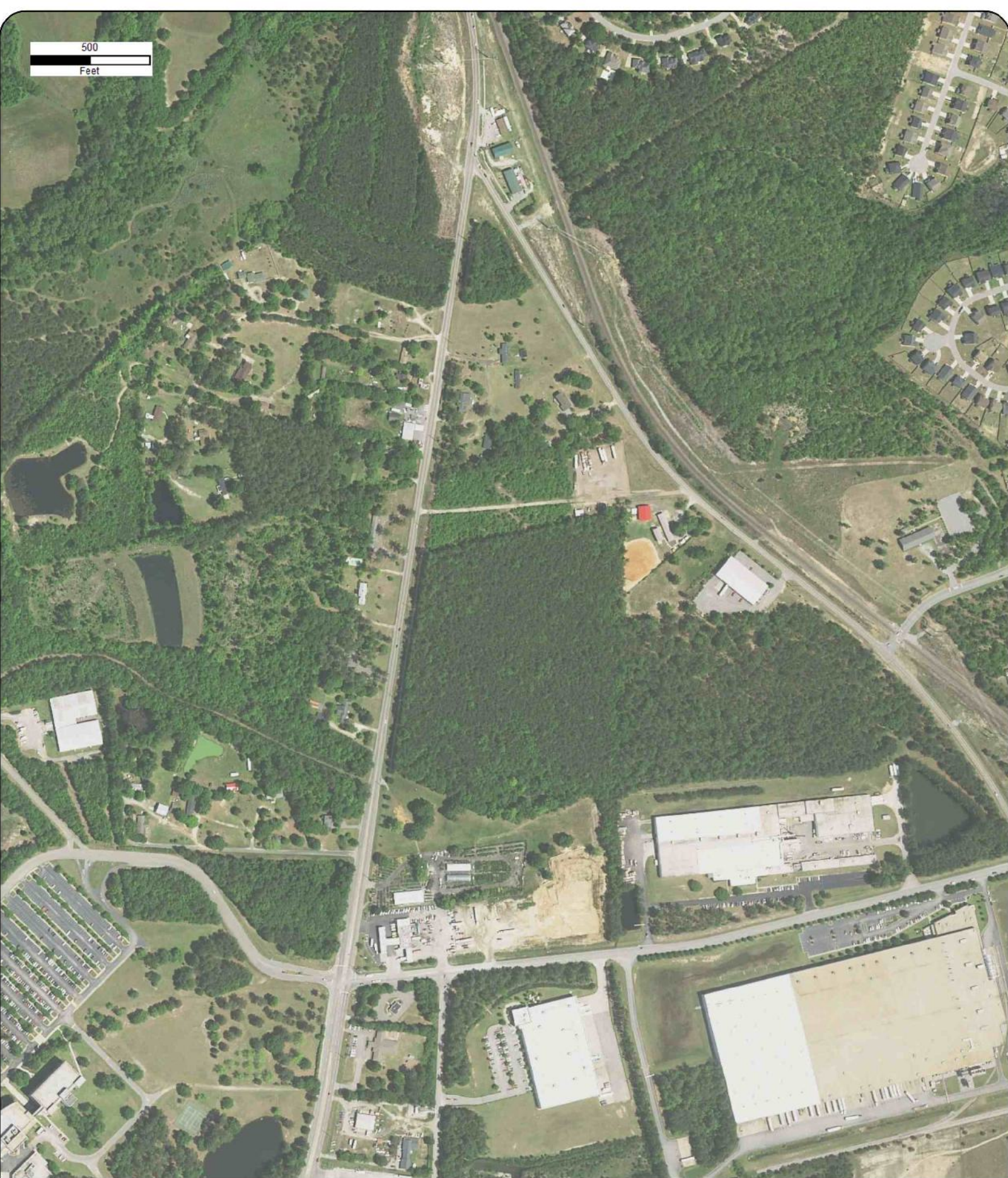
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Order No: 25042101182



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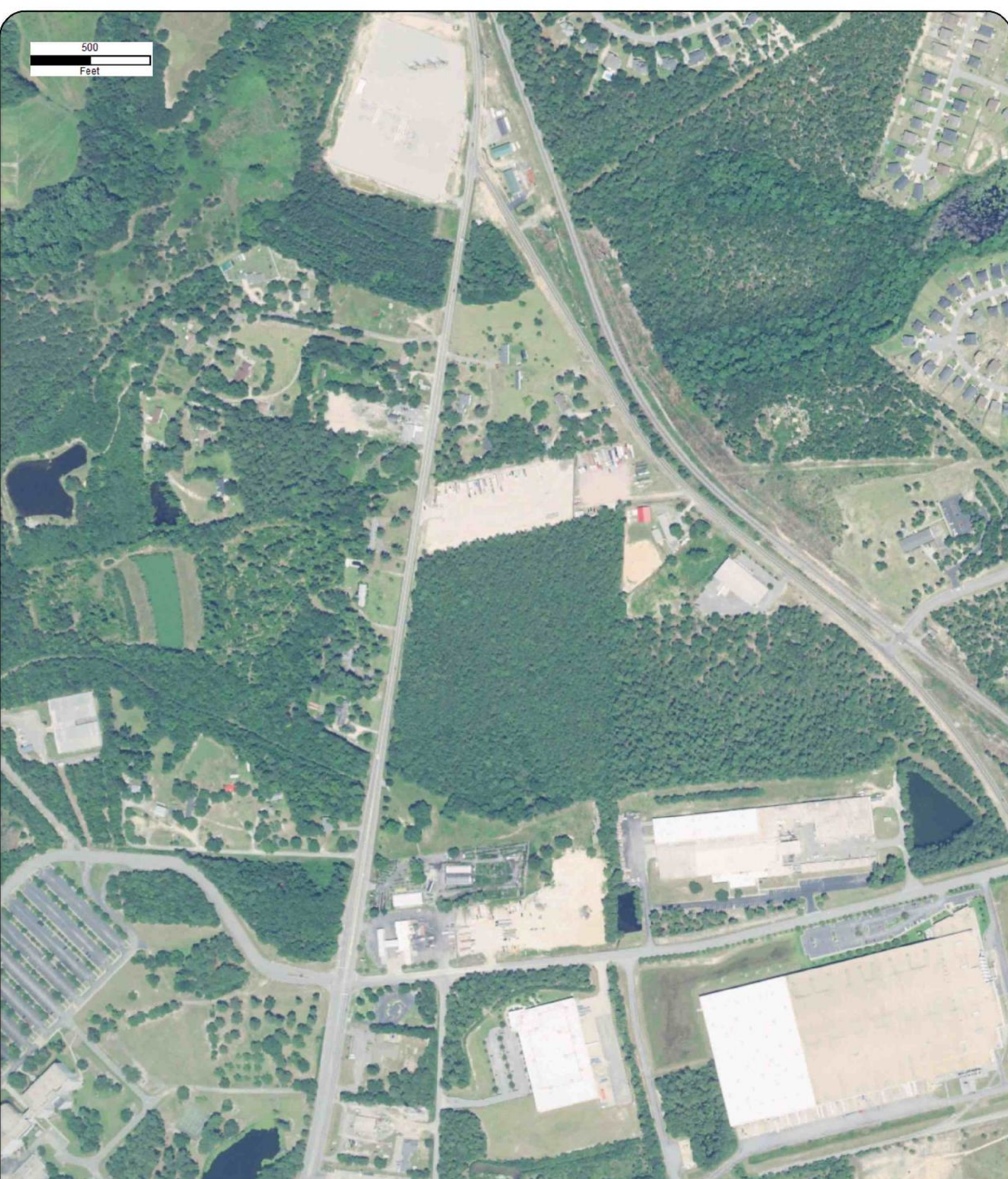
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Scale: 1" = 500'
Comment:

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Approx Center: -80.96677193,34.18358481

Order No: 25042101182



500
Feet



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

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Approx Center: -80.96677193,34.18358481

Order No: 25042101182



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Feet

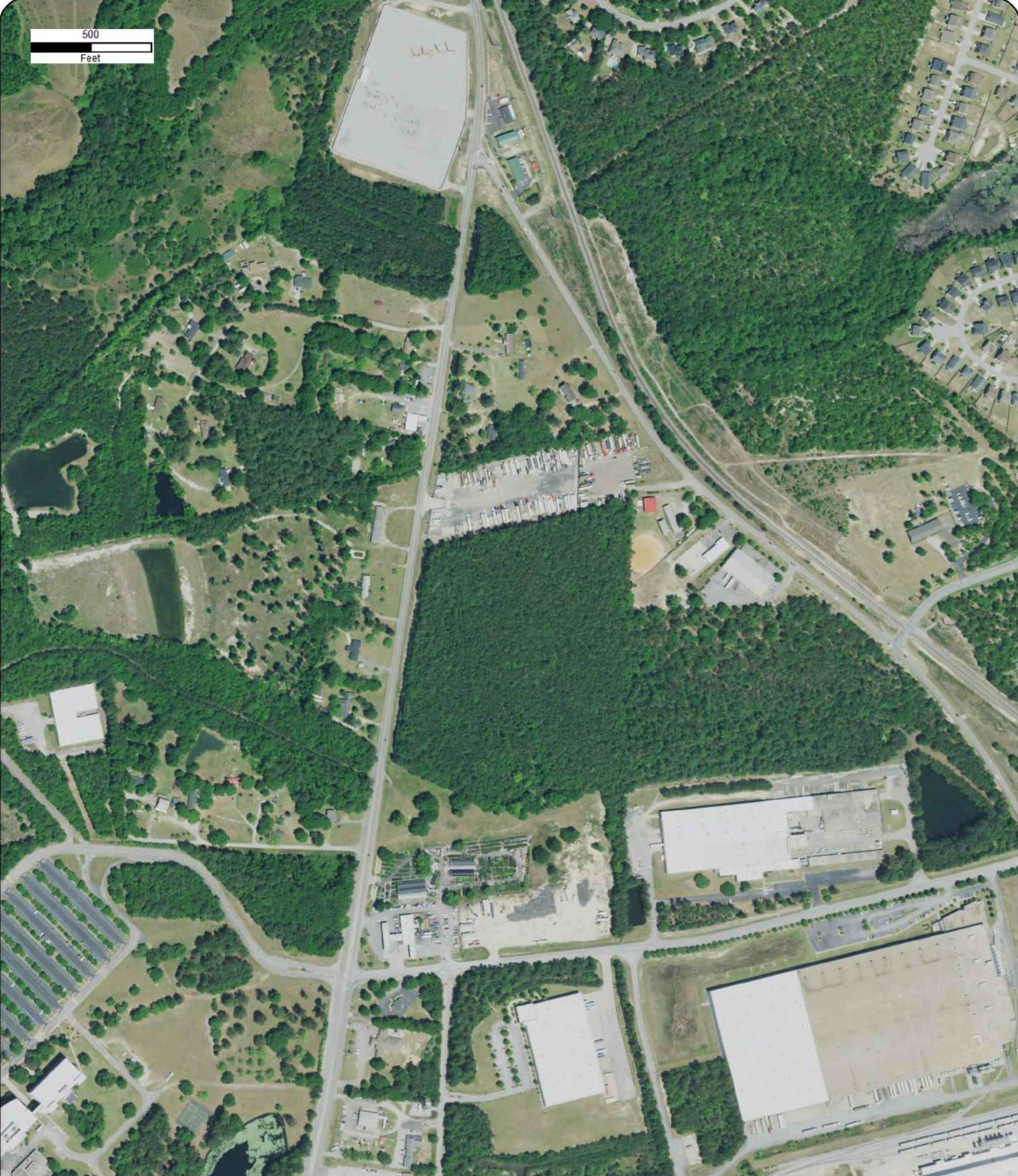


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Source: USDA
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Comment:

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Approx Center: -80.96677193,34.18358481

Order No: 25042101182





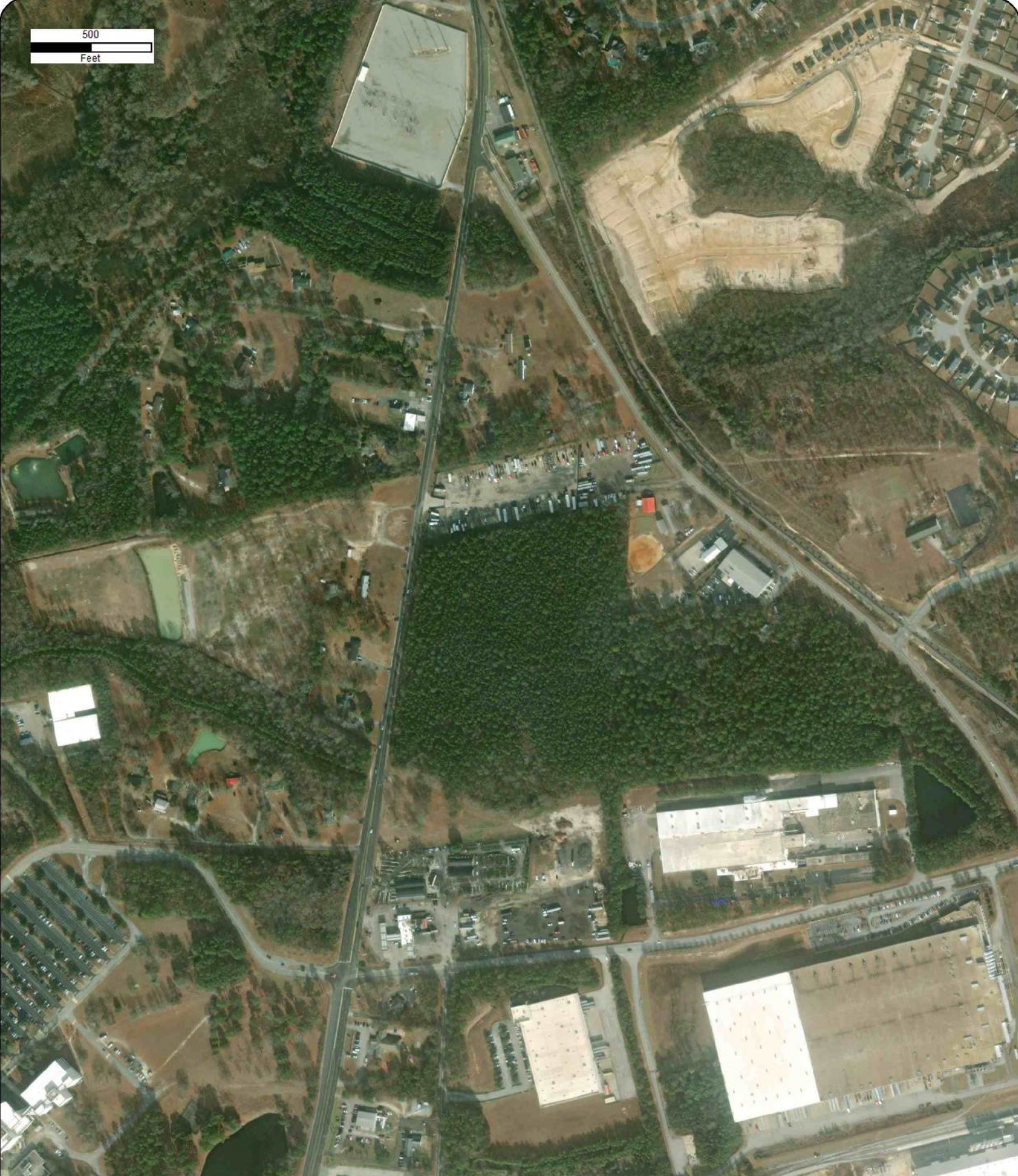
Year: 2021
Source: USDA
Scale: 1" = 500'
Comment:

Address: 10424 Wilson Boulevard, Blythewood, SC
Approx Center: -80.96677193,34.18358481

Order No: 25042101182



500
Feet



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

Address: 10424 Wilson Boulevard, Blythewood, SC
Approx Center: -80.96677193,34.18358481

Order No: 25042101182





CITY DIRECTORY

Project Property: *Blythewood
10424 Wilson Boulevard
Blythewood, SC*

Project No: *PJ22040*

Requested By: *Hanley Environmental, PLLC*

Order No: *25042101182*

Date Completed: *April 28, 2025*

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April 28, 2025
RE: CITY DIRECTORY RESEARCH
10424 Wilson Boulevard
Blythewood, SC

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

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

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

Search Criteria:

10700-11080 of Farrow Rd
10200-10600 of Wilson Blvd

Search Notes:

Wilson Blvd is also known as 10200-10600 US Hwy 21 in Blythewood.

Search Results Summary

Date	Source	Comment
2023	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1997	POLKS	

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10700 JUSHI USA...NONCLASSIFIED ESTABLISHMENTS
10730 BIERER ASSOC INC...ELECTRONIC TESTING EQUIPMENT (WHLS)
10792 CONCRETE SUPPLY CO...READY-MIXED CONCRETE-MANUFACTURERS
10800 LINDE LLC...GAS-IND & MEDICAL-CYLINDER & BULK-MFRS
10800 LINDE LLC...OXYGEN (WHLS)
11035 VALLEY SPRING WATER & COFFEE...WATER TREATMENT EQUIP SVC & SUPLS
11035 VALLEY SPRING WATER & COFFEE...WATER COOLERS FOUNTAINS & FILTERS (WHLS)
11035 VALLEY SPRING WATER COFFEE...WATER COMPANIES-BOTTLED, BULK, ETC
11059 LR TRUCKING...TRUCKING
11080 HEARTLAND INDUSTRIES INC...MANUFACTURERS
11080 LEVI FRANKEN...RESIDENTIAL

10301 COMPUTER SCIENCES CORP...INFORMATION TECHNOLOGY SERVICES
10301 DXC TECHNOLOGY CO...INFORMATION TECHNOLOGY SERVICES
10301 MAXIMUS...NONCLASSIFIED ESTABLISHMENTS
10301 NXTECH INC...NONCLASSIFIED ESTABLISHMENTS
10309 ACS...COMPUTER & EQUIPMENT DEALERS
10309 ACS BLYTHEWOOD...COMPUTER & EQUIPMENT DEALERS
10309 GENWORTH FINANCIAL...FINANCIAL ADVISORY SERVICES
10309 STATE STREET BANK TRUST CO...BANKS
10309 STERIGENICS...STERILIZING APPARATUS (WHLS)
10309 STERIGENICS US LLC...MEDICAL, DENTAL/HOSPITAL EQUIP/SUPLS MRCHNT WHLSRS
10311 BLYTHEWOOD DMV...TITLE COMPANIES
10311 BLYTHEWOOD DMV...DEPARTMENT OF MOTOR VEHICLES
10311 BLYTHEWOOD DMV...LICENSE SERVICES
10311 CONFEDERATE RELIC ROOM...MUSEUMS
10311 HIGHWAY PATROL...GOVERNMENT OFFICES-STATE
10311 HIGHWAY PATROL HEADQUARTERS...FEDERAL GOVERNMENT CONTRACTORS
10311 HIGHWAY PATROL HEADQUARTERS...GOVERNMENT OFFICES-STATE
10311 HIGHWAY PATROL HEADQUARTERS...CONSTRUCTION COMPANIES
10311 HIGHWAY PATROL HEADQUARTERS...ENGINEERS-AERONAUTICAL
10311 HIGHWAY SAFETY OFFICE...STATE GOVERNMENT-TRANSPORTATION PROGRAMS
10311 JUSTICE PROGRAMS OFFICE...STATE GOVERNMENT-POLICE
10311 PROTECTIVE SERVICES BUREAU...GOVERNMENT OFFICES-STATE
10311 PROTECTIVE SERVICES BUREAU...FEDERAL GOVERNMENT CONTRACTORS
10311 PROTECTIVE SERVICES BUREAU...CONSTRUCTION COMPANIES
10311 PROTECTIVE SERVICES BUREAU...ENGINEERS-AERONAUTICAL
10311 PUBLIC SAFETY DEPT...GOVERNMENT OFFICES-STATE
10311 S C STATE...NONCLASSIFIED ESTABLISHMENTS
10311 SC DEPARTMENT MOTOR VEHICLES...CONSTRUCTION COMPANIES
10311 SC DEPARTMENT MOTOR VEHICLES...FEDERAL GOVERNMENT CONTRACTORS
10311 SCDPS...STATE GOVERNMENT-GENERAL OFFICES
10311 SOUTH CAROLINA DEPT MOTOR...SAFETY CONSULTANTS
10311 SOUTH CAROLINA DEPT PUBC SFTY...SAFETY CONSULTANTS
10311 SOUTH CAROLINA DMV BLYTHEWOOD...DEPARTMENT OF MOTOR VEHICLES
10311 SOUTH CAROLINA DMV BLYTHEWOOD...TITLE COMPANIES
10311 SOUTH CAROLINA PUBLIC SAFETY...SAFETY CONSULTANTS
10311 STATE TRANSPORT POLICE...STATE GOVERNMENT-TRANSPORTATION PROGRAMS
10320 QUIK TRIP...CONVENIENCE STORES
10324 BLUE ROOSTER...RESTAURANTS
10324 LENA B SOUTHERN DINNER...RESTAURANTS
10328 PITT STOP...CONVENIENCE STORES
10328 SHELL...SERVICE STATIONS-GASOLINE & OIL
10328 SUBWAY...CONVENIENCE STORES
10328 SUBWAY...RESTAURANTS
10332 BLYTHEWOOD ANIMAL HOSPITAL...ANIMAL HOSPITALS
10332 BRANSON, ROSEMARY DVM...VETERINARIANS
10334 ROYSON'S BLYTHEWOOD AUTOMOTIVE...TIRE-DEALERS-RETAIL
10334 ROYSON'S BLYTHEWOOD AUTOMOTIVE...TIREDEALERSUSED (WHLS)
10334 ROYSON'S BLYTHEWOOD AUTOMOTIVE...AUTOMOBILE REPAIRING & SERVICE
10336 SUNSHINE HOUSE...CHILD CARE SERVICE
10350 S C MEMBERS FIRST FEDERAL CU...CREDIT UNIONS
10400 BP...SERVICE STATIONS-GASOLINE & OIL
10400 SCOTTIE'S CAFE GRILL...FOODS-CARRY OUT
10400 SCOTTIE'S CAFE GRILL...CATERERS
10400 SCOTTIE'S CAFE GRILL...RESTAURANTS
10400 SHARPE SHOP 4...CONVENIENCE STORES
10417 CHIROPRACTIC OF BLYTHEWOOD...SPORTS MEDICINE & INJURIES
10417 CHIROPRACTIC OF BLYTHEWOOD...MASSAGE THERAPISTS
10417 CHIROPRACTIC OF BLYTHEWOOD...CHIROPRACTORS DC
10418 REESE'S PLANTS...CANDY & CONFECTIONERYRETAIL
10418 REESE'S PLANTS...GARDEN CENTERS
10418 REESE'S PLANTS...FLORISTS-RETAIL
10447 BLYTHEWOOD STOP SHOP...CONVENIENCE STORES
10447 U HAUL NEIGHBORHOOD DEALER...MOVING SUPPLIES & EQUIPMENT-RENTING

10700 JUSHI USA...NONCLASSIFIED ESTABLISHMENTS
 10730 BIERER ASSOC INC...ELECTRONIC TESTING EQUIPMENT (WHLS)
 10800 LINDE LLC...GAS-IND & MEDICAL-CYLINDER & BULK-MFRS
 10800 LINDE LLC...OXYGEN (WHLS)
 11035 VALLEY SPRING WATER COFFEE...WATER COMPANIES-BOTTLED, BULK, ETC
 11035 VALLEY SPRING WATER & COFFEE...WATER TREATMENT EQUIP SVC & SUPLS
 11035 VALLEY SPRING WATER & COFFEE...WATER COOLERS FOUNTAINS & FILTERS (WHLS)
 11059 LR TRUCKING...TRUCKING
 11080 HEARTLAND INDUSTRIES INC...MANUFACTURERS
 11080 LEVI FRANKEN...RESIDENTIAL

10301 COMPUTER SCIENCES CORP...INFORMATION TECHNOLOGY SERVICES
 10301 MAXIMUS...NONCLASSIFIED ESTABLISHMENTS
 10301 NIXTECH INC...NONCLASSIFIED ESTABLISHMENTS
 10309 ACS...COMPUTER & EQUIPMENT DEALERS
 10309 ACS BLYTHEWOOD...COMPUTER & EQUIPMENT DEALERS
 10309 GENWORTH FINANCIAL...FINANCIAL ADVISORY SERVICES
 10309 STATE STREET BANK TRUST CO...BANKS
 10309 STERIGENICS...STERILIZING APPARATUS (WHLS)
 10309 STERIGENICS US LLC...MEDICAL, DENTAL/HOSPITAL EQUIP/SUPLS MRCHNT WHLSRS
 10311 BLYTHEWOOD DMV...LICENSE SERVICES
 10311 BLYTHEWOOD DMV...TITLE COMPANIES
 10311 BLYTHEWOOD DMV...DEPARTMENT OF MOTOR VEHICLES
 10311 CONFEDERATE RELIC ROOM...MUSEUMS
 10311 HIGHWAY PATROL...GOVERNMENT OFFICES-STATE
 10311 HIGHWAY PATROL HEADQUARTERS...GOVERNMENT OFFICES-STATE
 10311 HIGHWAY PATROL HEADQUARTERS...CONSTRUCTION COMPANIES
 10311 HIGHWAY PATROL HEADQUARTERS...ENGINEERS-AERONAUTICAL
 10311 HIGHWAY PATROL HEADQUARTERS...FEDERAL GOVERNMENT CONTRACTORS
 10311 HIGHWAY SAFETY OFFICE...STATE GOVERNMENT-TRANSPORTATION PROGRAMS
 10311 JUSTICE PROGRAMS OFFICE...STATE GOVERNMENT-POLICE
 10311 PROTECTIVE SERVICES BUREAU...ENGINEERS-AERONAUTICAL
 10311 PROTECTIVE SERVICES BUREAU...FEDERAL GOVERNMENT CONTRACTORS
 10311 PROTECTIVE SERVICES BUREAU...CONSTRUCTION COMPANIES
 10311 PROTECTIVE SERVICES BUREAU...GOVERNMENT OFFICES-STATE
 10311 PUBLIC SAFETY DEPT...GOVERNMENT OFFICES-STATE
 10311 S C STATE...NONCLASSIFIED ESTABLISHMENTS
 10311 SC DEPARTMENT MOTOR VEHICLES...CONSTRUCTION COMPANIES
 10311 SC DEPARTMENT MOTOR VEHICLES...FEDERAL GOVERNMENT CONTRACTORS
 10311 SCDPS...STATE GOVERNMENT-GENERAL OFFICES
 10311 SOUTH CAROLINA DEPT MOTOR...SAFETY CONSULTANTS
 10311 SOUTH CAROLINA DEPT PUBC SFTY...SAFETY CONSULTANTS
 10311 SOUTH CAROLINA PUBLIC SAFETY...SAFETY CONSULTANTS
 10311 STATE TRANSPORT POLICE...STATE GOVERNMENT-TRANSPORTATION PROGRAMS
 10324 BLUE ROOSTER...RESTAURANTS
 10324 LENA B SOUTHERN DINNER...RESTAURANTS
 10328 PITT STOP...CONVENIENCE STORES
 10328 SHELL...SERVICE STATIONS-GASOLINE & OIL
 10328 SUBWAY...CONVENIENCE STORES
 10328 SUBWAY...RESTAURANTS
 10332 BLYTHEWOOD ANIMAL HOSPITAL...ANIMAL HOSPITALS
 10332 BLYTHEWOOD ANIMAL HOSPITAL...VETERINARIANS
 10332 BRANSON, ROSEMARY DVM...VETERINARIANS
 10332 BRANSON, ROSEMARY DVM...ANIMAL HOSPITALS
 10334 ROYSON'S BLYTHEWOOD AUTOMOTIVE...TIRE-DEALERS-RETAIL
 10334 ROYSON'S BLYTHEWOOD AUTOMOTIVE...TIREDEALERSUSED (WHLS)
 10334 ROYSON'S BLYTHEWOOD AUTOMOTIVE...AUTOMOBILE REPAIRING & SERVICE
 10336 SUNSHINE HOUSE...CHILD CARE SERVICE
 10350 S C MEMBERS FIRST FEDERAL CU...CREDIT UNIONS
 10400 BP...SERVICE STATIONS-GASOLINE & OIL
 10400 SCOTTIE'S CAFE GRILL...FOODS-CARRY OUT
 10400 SCOTTIE'S CAFE GRILL...CATERERS
 10400 SCOTTIE'S CAFE GRILL...RESTAURANTS
 10400 SHARPE SHOP 4...CONVENIENCE STORES
 10417 CHIROPRACTIC OF BLYTHEWOOD...SPORTS MEDICINE & INJURIES
 10417 CHIROPRACTIC OF BLYTHEWOOD...CHIROPRACTORS DC
 10417 CHIROPRACTIC OF BLYTHEWOOD...MASSAGE THERAPISTS
 10418 REESE'S PLANTS...CANDY & CONFECTIONERYRETAIL
 10418 REESE'S PLANTS...FLORISTS-RETAIL
 10418 REESE'S PLANTS...GARDEN CENTERS
 10447 BLYTHEWOOD STOP SHOP...CONVENIENCE STORES
 10447 U-HAUL NEIGHBORHOOD DEALER...MOVING SUPPLIES & EQUIPMENT-RENTING

10700

V F C PROPERTIES...REAL ESTATE

10792

CONCRETE SUPPLY CO...CONCRETE-READY MIXED

11035

VALLEY SPRING WATER & COFFEE...WATER COOLERS FOUNTAINS & FILTERS (WHLS)

11080

HEARTLAND INDUSTRIES INC...MANUFACTURERS

11080

LEVI FRANKEN...RESIDENTIAL

10301

ATM...AUTOMATED TELLER MACHINES

10301

SC EMERGENCY MANAGEMENT...BUSINESS MANAGEMENT CONSULTANTS

10309

ACS...COMPUTER & EQUIPMENT DEALERS

10309

ACS-GENWORTH...NONCLASSIFIED ESTABLISHMENTS

10309

GENWORTH FINANCIAL...FINANCIAL ADVISORY SERVICES

10309

STERIGENICS US LLC...MEDICAL, DENTAL/HOSPITAL EQUIP/SUPLS MRCHNT WHLSRS

10311

BLYTHEWOOD DMV...DEPARTMENT OF MOTOR VEHICLES

10311

HIGHWAY PATROL HEADQUARTERS...GOVERNMENT OFFICES-STATE

10311

HIGHWAY SAFETY OFFICE...STATE GOVERNMENT-TRANSPORTATION PROGRAMS

10311

JUSTICE PROGRAMS OFFICE...STATE GOVERNMENT-POLICE

10311

PROTECTIVE SERVICES BUREAU...GOVERNMENT OFFICES-STATE

10311

SC DEPARTMENT MOTOR VEHICLES...FEDERAL GOVERNMENT CONTRACTORS

10311

SCDPS...STATE GOVERNMENT-GENERAL OFFICES

10311

SOUTH CAROLINA DEPT-PUBC SFTY...LEGISLATIVE BODIES

10311

SOUTH CAROLINA PUBLIC SAFETY...FEDERAL GOVERNMENT CONTRACTORS

10328

ATM...AUTOMATED TELLER MACHINES

10328

SUBWAY...CONVENIENCE STORES

10332

BLYTHEWOOD ANIMAL HOSPITAL...VETERINARIANS

10332

BLYTHEWOOD ANIMAL HOSPITAL...ANIMAL HOSPITALS

10332

BRANSON, ROSEMARY DVM...VETERINARIANS

10332

HUNTER, TERRANCE DVM...VETERINARIANS

10332

ROOF, DAVIDA DVM...VETERINARIANS

10334

ROYSON'S BLYTHEWOOD AUTOMOTIVE...TIRE-DEALERS-RETAIL

10336

SUNSHINE HOUSE...CHILD CARE SERVICE

10350

S C MEMBERS FIRST FEDERAL CU...CREDIT UNIONS

10400

SCOTTIE'S CAFE GRILL...RESTAURANTS

10400

SHARPE SHOP 4...CONVENIENCE STORES

10402

ATM...AUTOMATED TELLER MACHINES

10417

CHIROPRACTIC OF BLYTHEWOOD...CHIROPRACTORS DC

10418

REESE'S PLANTS...GARDEN CENTERS

10447

ATM...AUTOMATED TELLER MACHINES

10447

BLYTHEWOOD STOP SHOP...CONVENIENCE STORES

10447

U-HAUL NEIGHBORHOOD DEALER...MOVING SUPPLIES & EQUIPMENT-RENTING

10700 CALVARY CHAPEL BLYTHEWOOD...CHURCHES
11035 VALLEY SPRING WATER & COFFEE...COFFEE BREAK SERVICE & SUPPLIES
11051 J BISHOP...RESIDENTIAL
11071 KENT HUNTER...RESIDENTIAL
11080 BACKYARD PRODUCTS...MANUFACTURERS

10205 CORN CRIB DAY CARE...CHILD CARE SERVICE
10309 ABM INDUSTRIES...JANITOR SERVICE
10309 ACS...COMPUTER & EQUIPMENT DEALERS
10309 BLYTHEWOOD DATA CTR...DATA COMMUNICATION SERVICE
10309 CENTURY ALUMINUM...ALUMINUM (WHLS)
10309 MICHIGAN INSURANCE CO...INSURANCE
10309 STERIGENICS INTERNATIONAL INC...PHYSICIANS & SURGEONS EQUIP &
SUPLS-WHLS
10311 HIGHWAY PATROL...STATE GOVERNMENT-POLICE
10311 JUSTICE PROGRAMS OFFICE...STATE GOVERNMENT-POLICE
10311 S C MEMBERFIRST FED CRDT UNION...CREDIT UNIONS
10311 SC DEPARTMENT MOTOR VEHICLES...SAFETY CONSULTANTS
10311 SOUTH CAROLINA PUBLIC SAFETY...SAFETY CONSULTANTS
10328 SUBWAY...RESTAURANTS
10332 BLYTHEWOOD ANIMAL HOSPITAL...ANIMAL HOSPITALS
10332 ROOF, DAVIDA DVM...VETERINARIANS
10334 ROYSON'S BLYTHEWOOD AUTOMOTIVE...AUTOMOBILE REPAIRING &
SERVICE
10336 SUNSHINE HOUSE...CHILD CARE SERVICE
10350 S C MEMBERS FIRST FEDERAL CU...CREDIT UNIONS
10400 SCOTTIE'S CAFE & GRILL...RESTAURANTS
10400 SHARPE SHOP 4...SERVICE STATIONS-GASOLINE & OIL
10418 REESE'S PLANTS...PLANTS-RETAIL
10425 BLYTHEWOOD ART GALLERY-FRAMING...PICTURE FRAMES-DEALERS
10447 DISCOUNT TOBACCO...CIGAR CIGARETTE & TOBACCO DEALERS-RETAIL
10447 U-HAUL NEIGHBORHOOD DEALER...TRUCK RENTING & LEASING

10700 CALVARY CHAPEL BLYTHEWOOD...CHURCHES
10700 FNH SOUTH...EXPORTERS
10700 FNH SOUTH LLC...MFG GUNS AND GUNS PARTS
10700 U S REPEATING ARMS COMPANY...MFG SMALL ARMS
11051 J & B REALTY & CONSTRUCTION CO...SINGLE-FAMILY HOUSE CONSTRUCTION
11071 SEAMON H HUNTER...RESIDENTIAL

10205 CORN CRIB DAY CARE...CHILD CARE SERVICE
10309 MICHIGAN INSURANCE CO...INSURANCE
10309 ONE SOURCE FACILITY SVC...JANITOR SERVICE
10309 ONESOURCE FACILITY SVC INC...SERVICES NEC
10311 HIGHWAY PATROL HEADQUARTERS...STATE GOVERNMENT-POLICE
10311 HIGHWAY SAFETY OFFICE...STATE GOVERNMENT-TRANSPORTATION PROGRAMS
10311 JUSTICE PROGRAMS OFFICE...STATE GOVERNMENT-POLICE
10311 PROTECTIVE SERVICES BUREAU...GOVERNMENT OFFICES-STATE
10311 PUBLIC SAFETY DEPT...STATE GOVERNMENT-TRANSPORTATION PROGRAMS
10311 TRANSPORT POLICE DIV...GOVERNMENT OFFICES-STATE
10324 MYERS BARBEQUE HOUSE...RESTAURANTS
10332 BECKER TINA DVM...VETERINARY SERVICES ANIMAL SERVICES
10332 BLYTHEWOOD ANIMAL HOSPITAL...VETERINARIANS
10334 BLYTHEWOOD AUTOMOTIVE...AUTOMOBILE REPAIRING & SERVICE
10336 BLYTHEWOOD CHILD DEV CTR...CHILD CARE SERVICE
10350 SOUTH CAROLINA FIRST FED CU...CREDIT UNIONS
10400 SHARPE SHOP 4...GASOLINE SERVICE STATION
10400 SUB STATION II...RESTAURANTS
10437 BLYTHEWOOD INTERIORS...DRAPERIES & CURTAINS-RETAIL/CUSTOM MADE
10447 J RS DELI & GAMES...CONVENIENCE STORES

10700 GORDON URAC
10800 HOLOX...CARBON DIOXIDE
11051 J & B REALTY & CONSTRUCTION CO
11071 ELAINE HUNTER...RESIDENTIAL
11071 SEAMON H HUNTER...RESIDENTIAL

10205 CORN CRIB DAY CARE
10301 COMPUTER SCIENCES CORP...COMPUTER SOFTWARE WRITING SERVICES
10309 MICHIGAN INSURANCE CO
10309 ONE SOURCE FACILITY SVC...BUILDING COMPONENT CLEANING SERVICE
10309 ONESOURCE FACILITY SVC INC...SERVICES, NEC, NEC
10324 MYERS BARBEQUE HOUSE...STEAK AND BARBECUE RESTAURANTS
10328 B B & T PITT STOP
10329 FARMERS ALLIANCE MUTUAL INS CO
10332 BLYTHEWOOD ANIMAL HOSPITAL
10332 ROOF DAVIDA DVM
10336 BLYTHEWOOD CHILD DEV CTR
10400 SHARPE SHOP 4
10447 J R'S DELI & GAMES
10453 MARY KAY CONSULTING

2000 FARROW RD

SOURCE: DIGITAL BUSINESS DIRECTORY

10700 STAFFING COLUMBIA...RESIDENTIAL
10800 HOLOX...CARBON DIOXIDE
11071 ELAINE HUNTER...RESIDENTIAL
11071 SEAMON H HUNTER...RESIDENTIAL

2000 WILSON BLVD

SOURCE: DIGITAL BUSINESS DIRECTORY

10205 CORN CRIB DAY CARE
10328 PITT STOP
10332 BLYTHEWOOD ANIMAL HOSPITAL
10334 ABELL'S AUTO SVC...ENGINE REPAIR
10334 MOSELEY TIRE & LUBE SVC...TOWING SERVICES
10336 BLYTHEWOOD CHILD DEV CTR
10400 SHARPE SHOP 4
10447 J R'S DELI & GAMES
10449 DAN'S AUTO SVC...ENGINE REPAIR
10500 ROOT CELLAR...ANTIQUES

Address			
10217 Pearson Anthony F	-9612	R002	714-9765
10219 KATHY'S COMMUNITY CARE	-9612	R002	786-7513
10225 Canzater Santria	-9612	R002	786-1237
10227 JAMS MUSIC	-9612	R002	735-9491
10233 BRAIDS IN HARMONY	-9612	R002	754-7140
KILLIAN BARBERSHOP	-9612	R002	754-8469
MARION RUMPH UPHOLSTERY SHOP	-9612	R002	754-6003
10311 Bowers Dorothy	-9608	R002	735-8636
10313 Williams S W	-9608	R002	735-1150
10314 KILLIAN BODY SHOP & AUTO RPR	-9109	R002	754-1944
10333 Arthur Gertruda	-9608	R002	754-0926
10340 CLOUD'S SANITATION	-9109	R002	754-8850
10421 Dupree Damione	-9607	R002	691-9244
10515 McCray E G	-9606	R002	786-7387
10539 Hart Corean	-9606	R002	754-8387
10605 Coleman Francen	-9605	R002	754-4936
Coleman John W	-9605	R002	754-4936
Coleman Sarah	-9605	R002	691-9907
10609 Bright Clarence	-9605	R002	754-0579
Bright Gilbert T	-9605	R002	754-2421
10613 McClendon Lillie	-9605	R002	786-5351
10800 SUNIX INC	-9112	R002	786-7606
11071 Hunter Elaine	-8757	R002	735-0399
Hunter Elaine	-8757	R002	786-8665
Hunter Seamon	-8757	R002	786-1270
H			

BUSINESSES 10

HOUSEHOLDS 26

FARROW RD (CO) 29203

Gray Mattie	788-3226
Hatcher D E	788-2804
	788-1753

WILSON BLVD (BY)			29016
Crossland Robert F			735-0657
Praylow Lula			786-2613
Stackleather H W			754-5350
9600 Wactor Al	-9000	R002	786-8207
9612 Lomas Lisa	-9000	R002	754-8818
Lomas Scott	-9000	R002	754-8818
9629 Schiller D J	-9025	R002	754-9038
9717 Tournat John	-9024	R002	786-5878
9732 Johnson Issac C	-9001	R002	714-9672
9817 Hollis Robert	-9023	R002	786-9924
9913 Lambright Mary	-9022	R002	786-7613
9915 Lambright Mary	-9022	R002	754-8780
9916 Morrison Michael C	-9003	R002	788-1319
9917 LAMBRIGHT COMMUNITY CARE	-9022	R002	786-8612
9920 Kennedy Nesbit	-9003	R002	754-5495
9930 Johnson P R	-9003	R002	691-1632
9948 Hood Wilbert G	-9003	R002	786-1717
9953 Pettway C	-9022	R002	754-5895
Pettway Lori	-9022	R002	754-5895
10000 Hood Tally	-9004	R002	754-6085
10013 Beaty Paul	-9021	R002	786-7642
10238 PITT STOP CONVENIENCE STORES	-9006	R002	754-5359
10324 AUNT LUCY'S TAYLOR-MARCHANT CONSTRUCTION	-9007	R002	735-1656
	-9007	R002	735-8088
10328 SUBWAY SANDWICHES & SALADS	-9007	R002	786-2055
10332 BLYTHEWOOD ANIMAL HOSPITAL	-9007	R002	735-8004
Branson Rosema	-9007	R002	735-8004
10334 ABELL'S AUTO SVC	-9007	R002	691-2141
MOSELEY TIRE & LUBE SVC	-9007	R002	691-2216
10336 BLYTHEWOOD PRESBYTERIAN CHR	-9007	R002	735-9896
PRESBYTERIAN CHILD DEVELOPMENT	-9007	R002	786-1162
10408 Wright B C	-9008	R006	754-0911
10433 Wilson James H	-9017	R006	786-8280
10447 SPIVEY'S COUNTRY MART	-9017	R006	786-7246
10449 CRAFTY BARGAINS	-9017	R006	754-4424
10451 Spivey B	-9017	R006	754-4538
10453 BLYTHEWOOD HAIR CARE	-9017	R006	786-8991
10454 Edwards Alex	-9008	R006	786-9808
10458 Faust L H	-9008	R006	754-3708
10460 Prince Bill	-9008	R006	786-9887
10500 ROOT CELLAR	-9009	R002	754-7578
10612 Rabon Donald L	-9010	R002	754-0781
10657 Smith Clarence R	-9015	R006	786-8788
10681 Fee Danita	-9015	R006	786-2163
Fee Donald	-9015	R006	786-2163



FIRE INSURANCE MAPS

Project Property: Blythewood
10424 Wilson Boulevard Blythewood SC
Project No: PJ22040
Requested By: Hanley Environmental, PLLC
Order No: 25042101182
Date Completed: April 22, 2025

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



Property Information

Order Number:	25042101182p
Date Completed:	April 22, 2025
Project Number:	PJ22040
Project Property:	Blythewood 10424 Wilson Boulevard Blythewood SC
Coordinates:	
Latitude:	34.18358481
Longitude:	-80.96677193
UTM Northing:	3782512.30002 Meters
UTM Easting:	503061.923651 Meters
UTM Zone:	UTM Zone 17S
Elevation:	450.45 ft
Slope Direction:	SW

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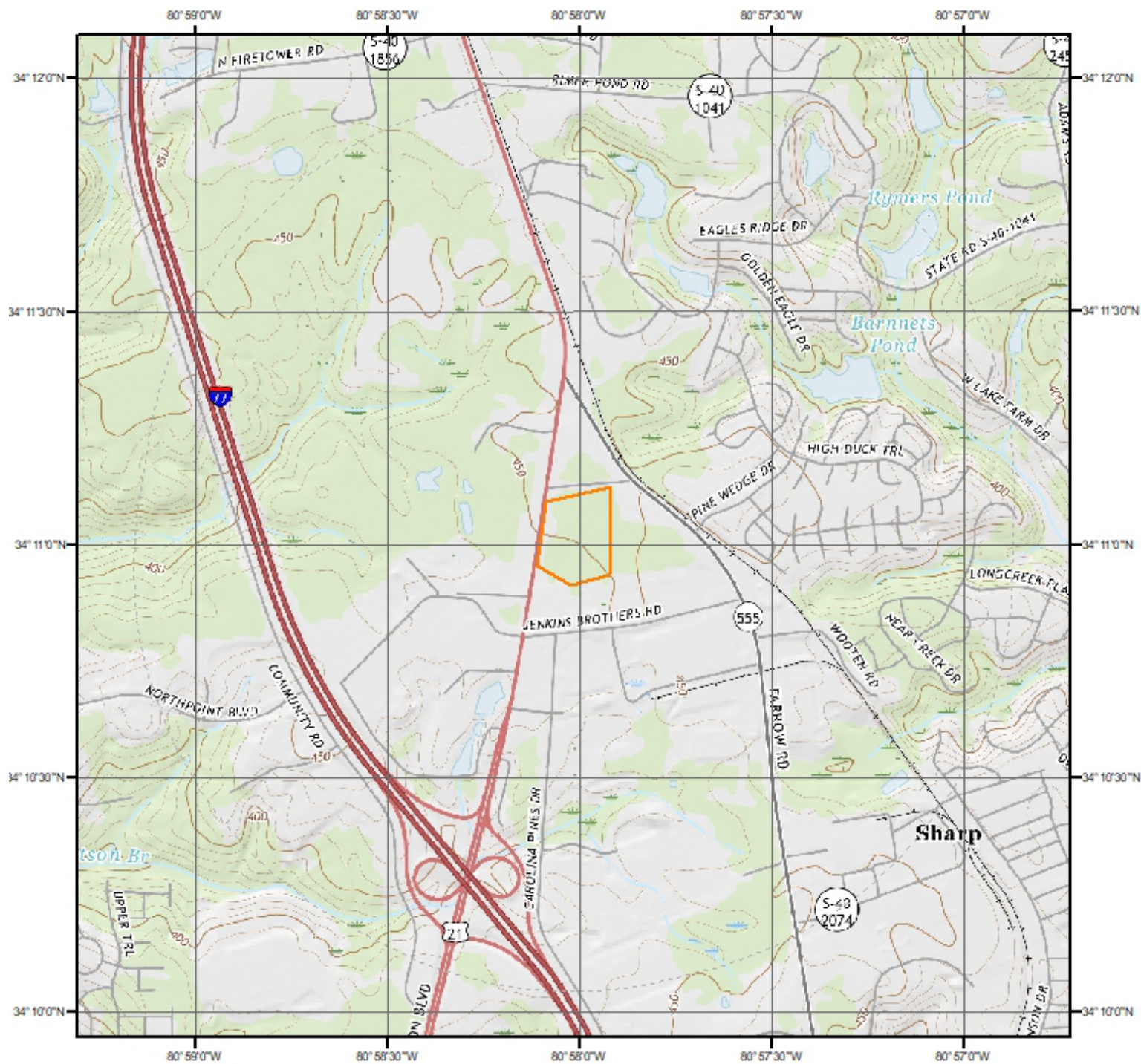
The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

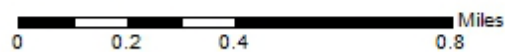
Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2020)



Quadrangle(s): Blythewood, SC

Source: USGS 7.5 Minute Topographic Map

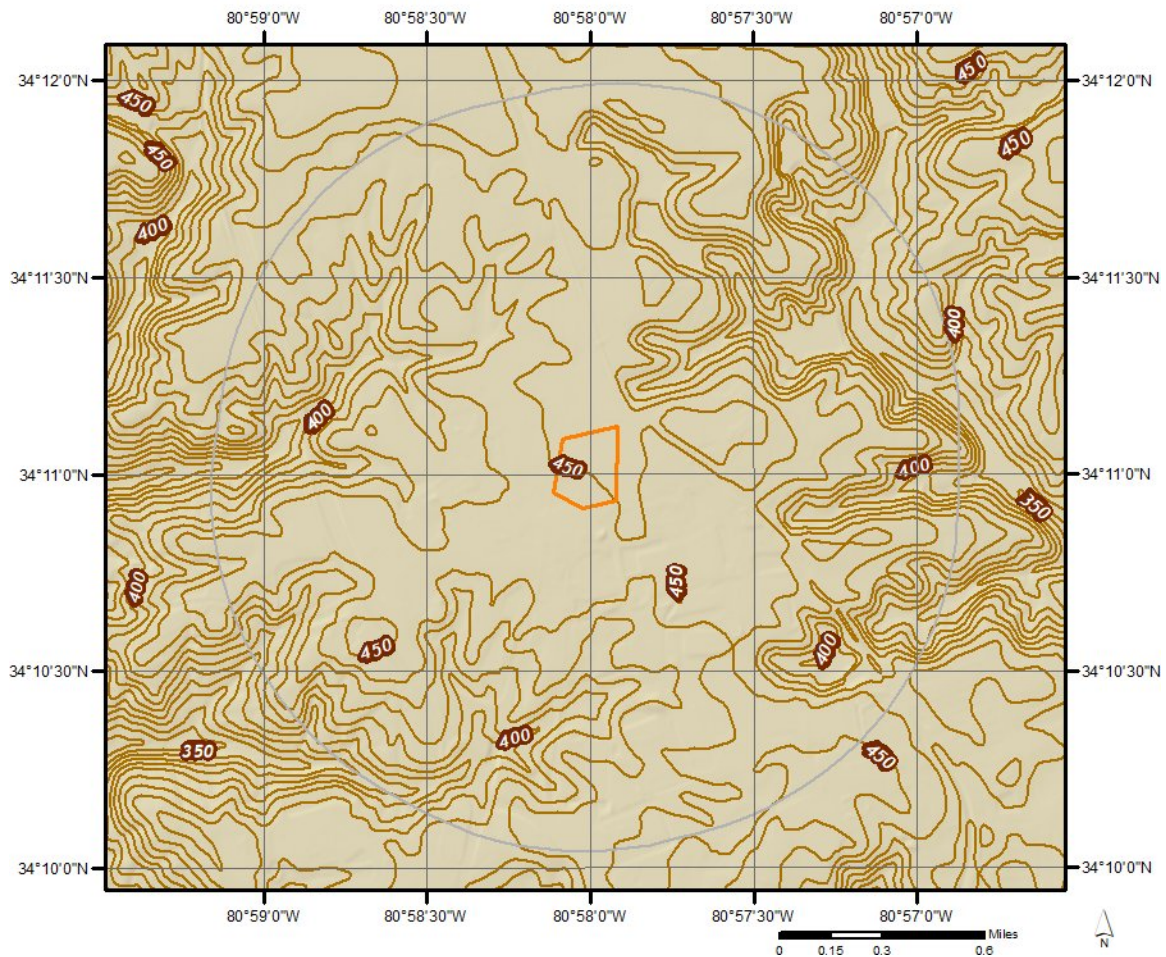


Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

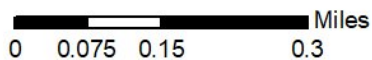
Elevation: 450.45 ft
Slope Direction: SW



Hydrologic Information



Wetland



This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.

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












Hydrologic Information



Flood Hazard Zones

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlayed. An absent FIRM panel represents no data available.

-  1% Annual Chance Flood Hazard
-  Regulatory Floodway
-  Special Floodway
-  Area of Undetermined Flood Hazard

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

0 0.075 0.15 Miles



Quadrangle(s): Blythewood, SC



Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below. For detailed Zone descriptions please click the link: <https://floodadvocate.com/fema-zone-definitions>

Available FIRM Panels in area:

45039C0525C(effective:2011-05-03) 45079C0136L(effective:2017-12-21)
45079C0137L(effective:2017-12-21) 45079C0128L(effective:2017-12-21)
45079C0129L(effective:2017-12-21)

Flood Zone X-12

Zone:

X

Zone subtype:

AREA OF MINIMAL FLOOD HAZARD

FEMA Flood Zone Definitions

Special Flood Hazard Areas – High Risk

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

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

Coastal High Hazard Areas – High Risk

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

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

Hydrologic Information

Moderate and Minimal Risk Areas

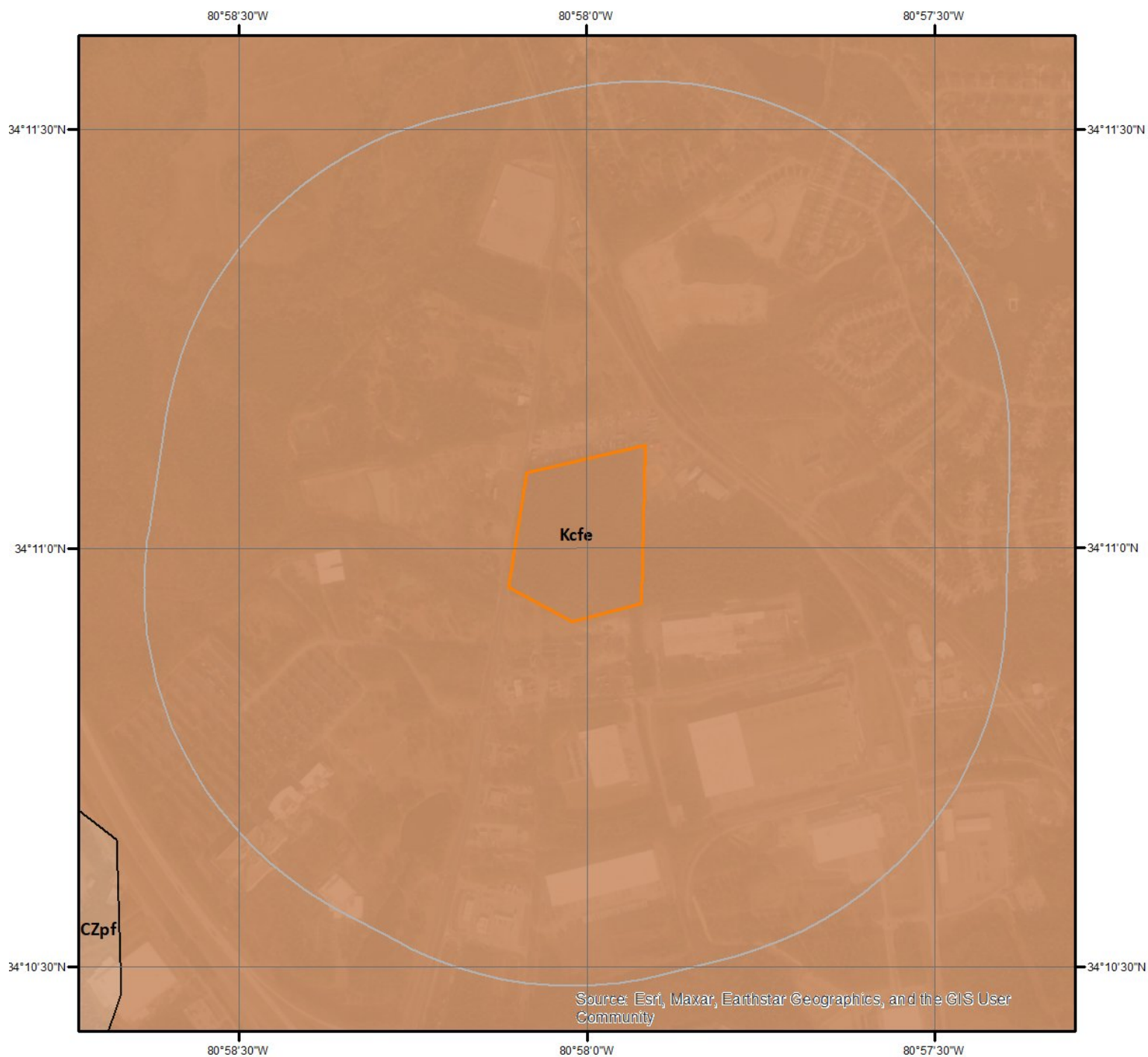
Areas of moderate or minimal hazard are studied based upon the principal source of flood in the area. However, buildings in these zones could be flooded by severe, concentrated rainfall coupled with inadequate local drainage systems. Local stormwater drainage systems are not normally considered in a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

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

Undetermined Risk Areas

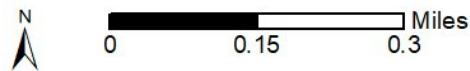
ZONE	DESCRIPTION
D	Unstudied areas where flood hazards are undetermined, but flooding is possible. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

Geologic Information



Geologic Units

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



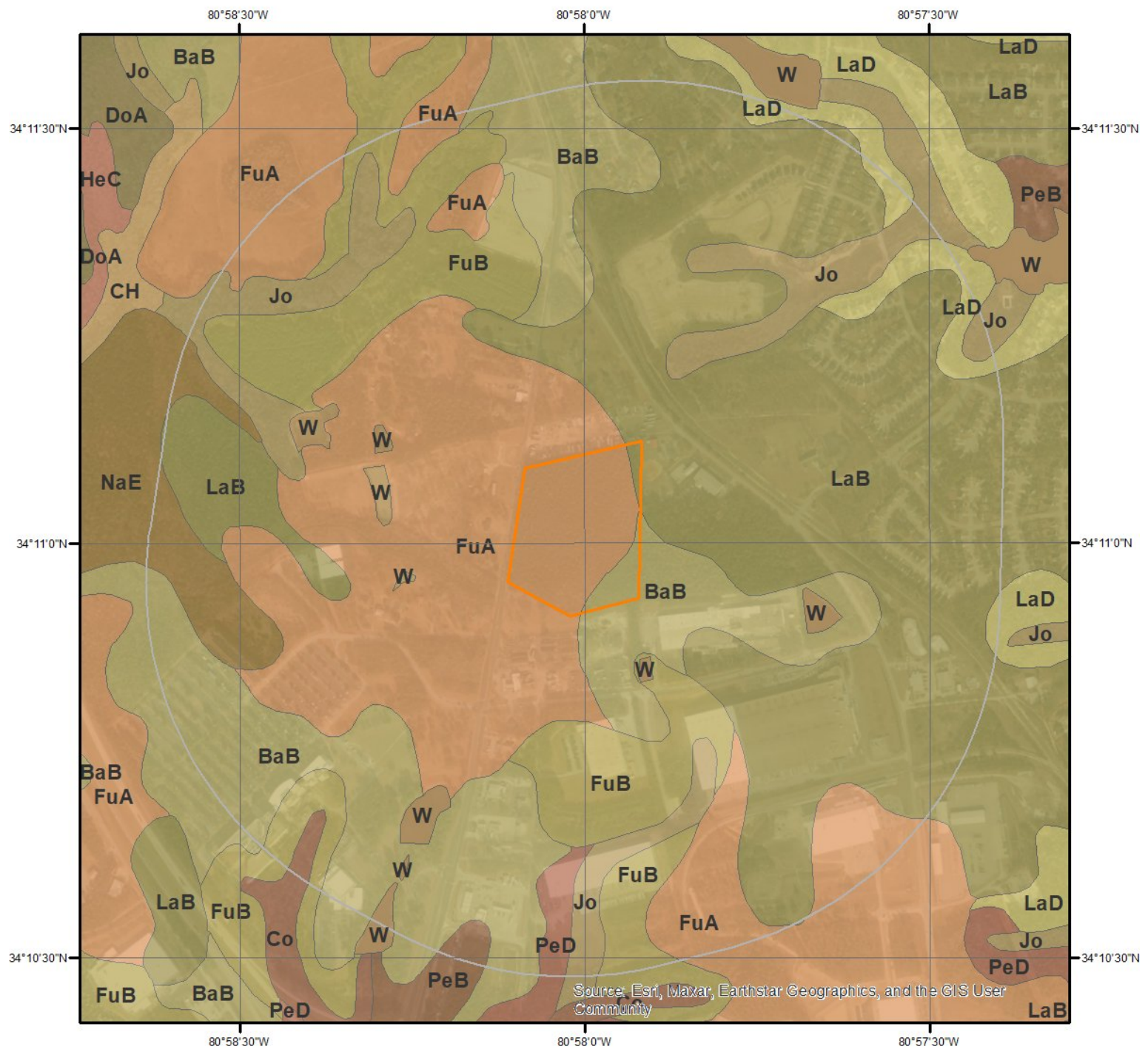
Geologic Information

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

Geologic Unit Kcfe

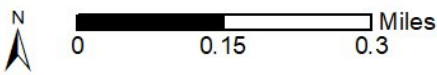
Unit Name:	Cape Fear/Eutaw Formations
Unit Age:	Cretaceous
Primary Rock Type:	Sand
Secondary Rock Type:	Gravel
Unit Description:	Poorly sorted clayey sand and gravel deposited in delta-dominated fluvial- and restricted marine environments. Unit is characterized by an abundance of smoky quartz gravel, feldspar, monazite, and garnet typically concentrated in placer deposits. Generally non-marine from North Carolina to central Georgia but contains shallow-water delta-front deposits in western Georgia.

Soil Information



SSURGO Soils

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.



Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit BaB (14.93%)

Map Unit Name:	Blanton sand, 0 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	122cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Blanton(100%)	
horizon A(0cm to 23cm)	Sand
horizon E(23cm to 127cm)	Sand
horizon Bt(127cm to 244cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: BaB - Blanton sand, 0 to 6 percent slopes

Component: Blanton (100%)

The Blanton component makes up 100 percent of the map unit. Slopes are 0 to 6 percent. This component is on marine terraces on sandhills. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 48 inches during January, February, March, December. Organic matter content in the surface horizon is about 1 percent. This component is in the F137XY005GA Loamy Upland Woodland, Thick Sandy Surface - Provisional ecological site. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria.

Map Unit Co (1.69%)

Map Unit Name:	Congaree loam
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	46cm
Drainage Class - Dominant:	Somewhat poorly drained
Hydrologic Group - Dominant:	C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Tawcaw(85%)	
horizon A(0cm to 10cm)	Silty clay loam
horizon B1(10cm to 56cm)	Silty clay
horizon B2(56cm to 155cm)	Silty clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Co - Congaree loam

Component: Tawcaw (85%)

The Tawcaw component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains on coastal plains. The parent material consists of clayey alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or

Soil Information

restricted depth) is high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria.

Component: Chastain (2%)

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

Component: Congaree (2%)

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

Map Unit FuA (17.45%)

Map Unit Name:	Fuquay sand, 0 to 2 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	122cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Fuquay(88%)

horizon Ap(0cm to 20cm)	Sand
horizon E(20cm to 89cm)	Sand
horizon Bt(89cm to 112cm)	Sandy clay loam
horizon Btv1(112cm to 122cm)	Sandy clay loam
horizon Btv2(122cm to 203cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: FuA - Fuquay sand, 0 to 2 percent slopes

Component: Fuquay (88%)

The Fuquay component makes up 88 percent of the map unit. Slopes are 0 to 2 percent. This component is on interfluvies on coastal plains. The parent material consists of sandy marine deposits over loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 48 inches during January, February, March, April. Organic matter content in the surface horizon is about 0 percent. Nonirrigated land capability classification is 2s. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 1 within 30 inches of the soil surface.

Component: Dothan (8%)

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

Component: Troup (4%)

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

Map Unit FuB (5.56%)

Map Unit Name:	Fuquay sand, 2 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	122cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Fuquay(88%)

Soil Information

horizon Ap(0cm to 20cm)	Sand
horizon E(20cm to 89cm)	Sand
horizon Bt(89cm to 112cm)	Sandy clay loam
horizon Btv1(112cm to 122cm)	Sandy clay loam
horizon Btv2(122cm to 203cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: FuB - Fuquay sand, 2 to 6 percent slopes

Component: Fuquay (88%)

The Fuquay component makes up 88 percent of the map unit. Slopes are 2 to 6 percent. This component is on interfluvial coastal plains. The parent material consists of sandy marine deposits over loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 48 inches during January, February, March, April. Organic matter content in the surface horizon is about 0 percent. Nonirrigated land capability classification is 2s. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 1 within 30 inches of the soil surface.

Component: Dothan (8%)

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

Component: Troup (4%)

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

Map Unit Jo (2.85%)

Map Unit Name:	Johnston loam
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Johnston(100%)

horizon A1(0cm to 23cm)	Loam
horizon A2(23cm to 96cm)	Mucky loam
horizon Cg(96cm to 168cm)	Fine sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Jo - Johnston loam

Component: Johnston (100%)

The Johnston component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains, coastal plains. The parent material consists of loamy alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is frequently flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria.

Map Unit LaB (35.65%)

Soil Information

Map Unit Name:	Lakeland sand, 2 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Lakeland(100%)

horizon A(0cm to 74cm)	Sand
horizon C(74cm to 251cm)	Sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: LaB - Lakeland sand, 2 to 6 percent slopes

Component: Lakeland (100%)

The Lakeland component makes up 100 percent of the map unit. Slopes are 2 to 6 percent. This component is on marine terraces on sandhills. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F137XY001GA Dry Sandy Upland Woodland ecological site. Nonirrigated land capability classification is 4s. This soil does not meet hydric criteria.

Map Unit LaD (7.75%)

Map Unit Name:	Lakeland sand, 10 to 15 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Lakeland(95%)

horizon A(0cm to 13cm)	Sand
horizon C1(13cm to 112cm)	Sand
horizon C2(112cm to 213cm)	Sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: LaD - Lakeland sand, 10 to 15 percent slopes

Component: Lakeland (95%)

The Lakeland component makes up 95 percent of the map unit. Slopes are 10 to 15 percent. This component is on dunes, sandhills. The parent material consists of eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 7s. This soil does not meet hydric criteria.

Component: Lucknow (3%)

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

Component: Troup (2%)

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

Soil Information

Map Unit NaE (12.36%)

Map Unit Name:	Nanford silt loam, 10 to 30 percent slopes
Bedrock Depth - Min:	104cm
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Nanford(90%)	
horizon A(0cm to 13cm)	Silt loam
horizon E(13cm to 28cm)	Silt loam
horizon Bt(28cm to 104cm)	Silty clay
horizon R(104cm to 203cm)	Bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: NaE - Nanford silt loam, 10 to 30 percent slopes

Component: Nanford (90%)

The Nanford component makes up 90 percent of the map unit. Slopes are 10 to 30 percent. This component is on hillslopes on Carolina Slate Belt uplands. The parent material consists of clayey residuum weathered from slate. Depth to a root restrictive layer, bedrock, lithic, is 15 to 49 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Georgeville (5%)

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

Component: Callison (5%)

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

Map Unit PeB (0.65%)

Map Unit Name:	Pelion loamy sand, 2 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	30cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.
Major components are printed below	
Pelion(90%)	
horizon A(0cm to 13cm)	Loamy sand
horizon E(13cm to 18cm)	Loamy sand
horizon Bt1(18cm to 66cm)	Sandy clay loam
horizon Bt2(66cm to 145cm)	Sandy clay loam
horizon BCg(145cm to 147cm)	Sandy clay loam
horizon Cg(147cm to 190cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Soil Information

Map Unit: PeB - Pelion loamy sand, 2 to 6 percent slopes

Component: Pelion (90%)

The Pelion component makes up 90 percent of the map unit. Slopes are 2 to 6 percent. This component is on marine terraces on sandhills. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Component: Rains (2%)

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

Component: Johnston (1%)

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

Map Unit PeD (0.65%)

Map Unit Name:	Pelion loamy sand, 6 to 15 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	30cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Pelion(100%)

horizon A(0cm to 13cm)	Loamy sand
horizon E(13cm to 18cm)	Loamy sand
horizon Bt1(18cm to 66cm)	Sandy clay loam
horizon Bt2(66cm to 145cm)	Sandy clay loam
horizon BCg(145cm to 147cm)	Sandy clay loam
horizon Cg(147cm to 190cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: PeD - Pelion loamy sand, 6 to 15 percent slopes

Component: Pelion (100%)

The Pelion component makes up 100 percent of the map unit. Slopes are 6 to 15 percent. This component is on marine terraces on sandhills. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

Map Unit W (0.46%)

Map Unit Name:	Water
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No more attributes available for this map unit

Component Description:

Minor map unit components are excluded from this report.

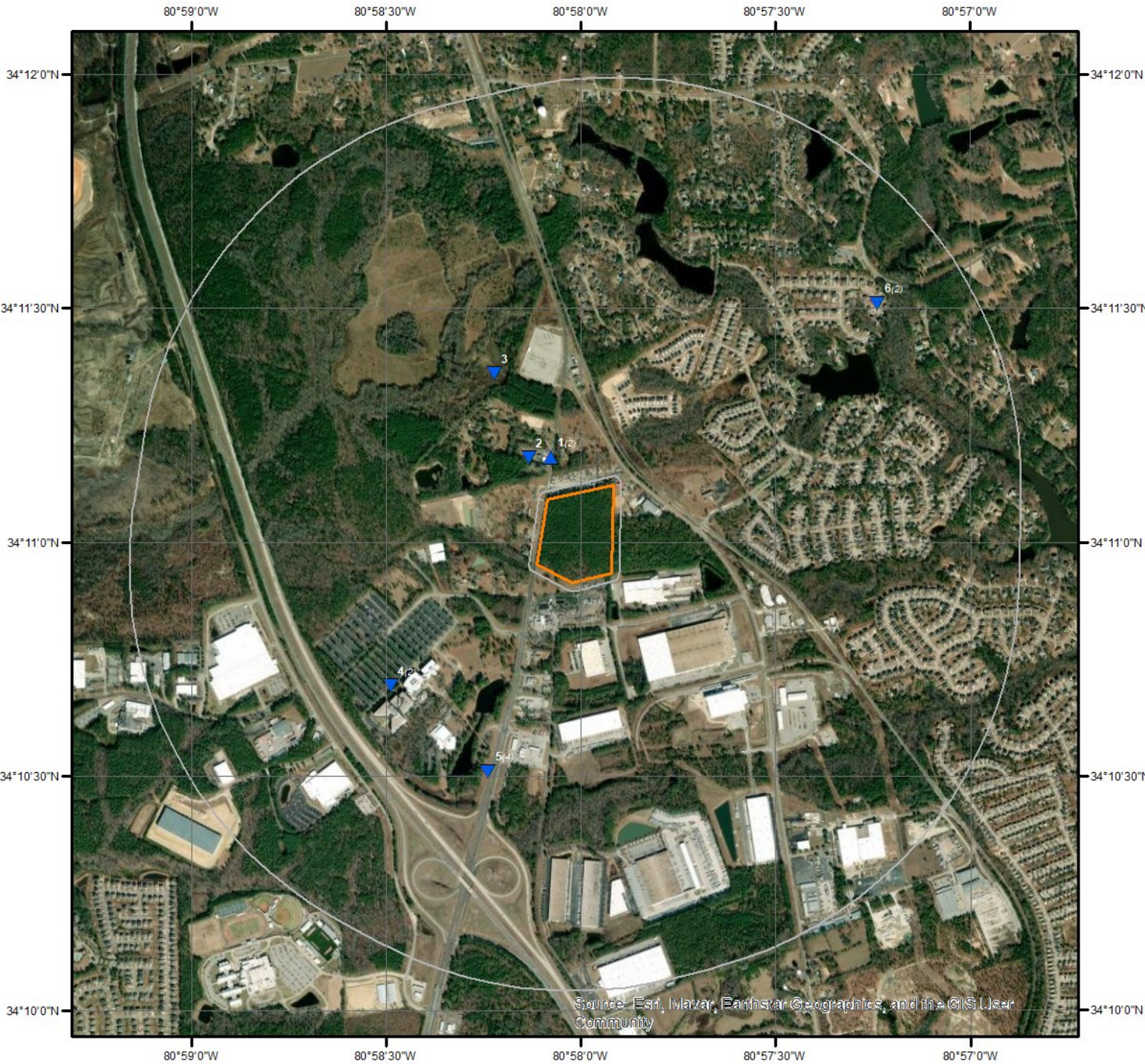
Map Unit: W - Water

Component: Water (100%)

Soil Information

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

Wells and Additional Sources



Wells & Additional Sources



- | | |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation | ▲ OGW Sites with Higher Elevation |
| ■ Sites with Same Elevation | ■ OGW Sites with Same Elevation |
| ▼ Sites with Lower Elevation | ▼ OGW Sites with Lower Elevation |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |



Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	PWS ID	Distance (ft)	Direction
1	SC4070914	524.17	NNW

Safe Drinking Water Information System (SDWIS)

Map Key	PWS ID	Distance (ft)	Direction
1	SC4070914	524.17	NNW

USGS National Water Information System

Map Key	Site No	Distance (ft)	Direction
3	SC004-341121080581400	1762.54	NNW
4	USGS-341041080583009	2469.20	SW
5	USGS-341030080581509	2680.79	SSW
5	USGS-341030080581508	2680.79	SSW
6	USGS-341130080571501	4142.82	NE

State Sources

Coastal Plain Well Records

Map Key	Well ID	Distance (ft)	Direction
4	RIC-491	2469.20	SW
5	RIC-425	2680.79	SSW
5	RIC-424	2680.79	SSW
6	RIC-747	4142.82	NE

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
No records found			

Public Water Supply Wells

Map Key	Well No	Distance (ft)	Direction
2	G40342	582.62	NNW

Underground Injection Control Wells

Map Key	ID	Distance (ft)	Direction
No records found			

Wells and Additional Sources Summary

Water Wells

Map Key	ID	Distance (ft)	Direction
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No records found

Wells and Additional Sources Detail Report

Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	NNW	0.10	524.17	451.63	PWSV

PWS ID: SC4070914
PWS Type Code: TNCWS
PWS Type Description: Transient non-community system
Primary Source Code: GW
Primary Source Desc: Ground water
PWS Activity Code: A
PWS Activity Description: Active
PWS Deactivation Date:
Zip Code: 29016
Phone No: 803-708-1224
Phone Ext No:
Admin Name: THAKKAR, MAYUR
Alt Phone No:
Email Addr: minimart29205@gmail.com
Fax No:
Cds ID:
Population Served Count: 26
Epa Region Desc: Region 4
Epa Region: 04
First Reported Date: 05/21/1987
Gw or Sw: Groundwater
Gw Sw Code: GW
Is Grant Eligible Ind: Yes
Outstanding Performer:
Is School or Daycare Ind: No
Is Source Water Protection: No
Is Wholesaler Ind: No
Lt2 Schedule Cat:
Lt2 Schedule Cat Code:
Last Reported Date: 08/28/2023
Org Name: THAKKAR, MAYUR
Outstanding Perform
Begin Date:
Owner Type: Private
Pop Cat 11: <=100
Pop Cat 2: <10,000
Pop Cat 3: <=3300
Pop Cat 4: <10K
Pop Cat 5: <=500
Primacy Agency: South Carolina
Season Begin Date: 01-01

Wells and Additional Sources Detail Report

Season End Date: 12-31
Service Connections Count: 2
Submission Status Code: Y
Submissionyearquarter: 2023Q3
Primacy Type: State
Dbpr Schedule Category:
Submission Status: Reported and accepted
Reduced Monitoring Begin Date: 04/01/2016
Reduced Monitoring End Date:
Reduced Rtr Monitoring: ANNUAL
Seasonal Startup System:
Source Protection Begin Date:
City Served: BLYTHEWOOD
County Served: Richland

Safe Drinking Water Information System (SDWIS)

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	NNW	0.10	524.17	451.63	SDWIS

PWS ID: SC4070914
PWS Type Code: TNCWS
PSW Type: Transient non-community system
Primary Source Code: GW
Primary Source: Ground water
Pws Activity Code: A
Activity: Active
PWS Deactivation Dt:
Phone No: 803-708-1224
Phone Ext No:
Admin Name: THAKKAR, MAYUR
Alt Phone No:
Email Addr: minimart29205@gmail.com
Fax No:
Cds ID:
Population Served Count: 26
Epa Region Desc: Region 4
Epa Region: 04
First Reported Date: 05/21/1987
Gw or Sw: Groundwater
Is Grant Eligible Ind: Yes
Outstanding Performer:
Is School or Daycare Ind: No
Is Wholesaler Ind: No
Lt2 Schedule Cat:
Last Reported Date: 08/28/2023

Wells and Additional Sources Detail Report

Org Name: THAKKAR, MAYUR
 Outstanding Perform
 Begin Date:
 Owner Type: Private
 Pop Cat 11: <=100
 Pop Cat 2: <10,000
 Pop Cat 3: <=3300
 Pop Cat 4: <10K
 Pop Cat 5: <=500
 Primacy Agency: South Carolina
 Primacy Agency Code: SC
 Season Begin Date: 01-01
 Season End Date: 12-31
 Service Connections Count: 2
 Submission Yr Qtr: 2023Q3
 Primacy Type: State
 Dbpr Schedule Category:
 Submission Status: Reported and accepted
 Reduced Monitoring Begin: 04/01/2016
 Reduced Monitoring End Date:
 Reduced Rtr Monitoring: ANNUAL
 Seasonal Startup System:
 Source Protection Begin Date:
 City Served: BLYTHEWOOD
 County Served: Richland

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	NNW	0.33	1,762.54	446.06	FED USGS

Site No: SC004-341121080581400
 Site Type: Well
 Formation Type:
 Date Drilled:
 Well Depth:
 Well Depth Unit:
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS South Carolina Water Science Center
 Station Name: RIC- 90
 Latitude: 34.18931665000000
 Longitude: -80.97036600000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	SW	0.47	2,469.20	442.35	FED USGS

Wells and Additional Sources Detail Report

Site No: USGS-341041080583009
Site Type: Well
Formation Type:
Date Drilled:
Well Depth: 260
Well Depth Unit: ft
Well Hole Depth:
Well Hole Depth Unit:
Reporting Agency: USGS South Carolina Water Science Center
Station Name: RIC- 491
Latitude: 34.17820590000000
Longitude: -80.9748107000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SSW	0.51	2,680.79	421.67	FED USGS

Site No: USGS-341030080581509
Site Type: Well
Formation Type:
Date Drilled:
Well Depth: 375
Well Depth Unit: ft
Well Hole Depth:
Well Hole Depth Unit:
Reporting Agency: USGS South Carolina Water Science Center
Station Name: RIC- 425
Latitude: 34.17515040000000
Longitude: -80.9706440000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SSW	0.51	2,680.79	421.67	FED USGS

Site No: USGS-341030080581508
Site Type: Well
Formation Type: Sand Deposits
Date Drilled:
Well Depth: 35
Well Depth Unit: ft
Well Hole Depth:
Well Hole Depth Unit:
Reporting Agency: USGS South Carolina Water Science Center
Station Name: RIC- 424
Latitude: 34.17515040000000
Longitude: -80.9706440000000

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NE	0.78	4,142.82	414.85	FED USGS

Site No: USGS-341130080571501
 Site Type: Well
 Formation Type:
 Date Drilled: 2007
 Well Depth: 300
 Well Depth Unit: ft
 Well Hole Depth: 300
 Well Hole Depth Unit: ft
 Reporting Agency: USGS South Carolina Water Science Center
 Station Name: RIC- 747
 Latitude: 34.19181647000000
 Longitude: -80.9539769000000

Coastal Plain Well Records

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	SW	0.47	2,469.20	442.35	WATER WELLS

Well ID:	RIC-491	Owner Well ID:	
SCGR ID:	30M-x1	WI Yr:	1985
Co No:		Driller:	McNeill
Use:		Drill Yr:	1983
WI Ft:	15	Drill Mo:	10
Depth D:		Topo:	Blythewood
Depth C:	260	Elev:	442
WI:		Location:	
WI Q:		Yield:	
Diam 1:	6	Yield Yr:	
Diam 2:		D Logs:	No
OH Cas:		D Logs Text:	<Null>
Screen T:		P Test:	No
Screen B:		P Test Text:	<Null>
SCGS Sampl:	no	County:	Richland
Object ID 1:	13109	Latitude:	34.1782048898
Well Use:	ABN	Longitude:	-80.9748098613
Chem:		X:	-80.97480663553272
G Logs:		Y:	34.17819823995324
Well Use Desc:			
Chem Desc:	no analysis		
G Logs Desc:			
Global ID:	ff82c61b-ccec-427c-9815-747f0c1cbb76		
Remarks:	Open-hole rock well.		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SSW	0.51	2,680.79	421.67	WATER WELLS
Well ID:	RIC-425	Owner Well ID:			
SCGR ID:	30M-x3	WI Yr:			
Co No:		Driller:			
Use:		Drill Yr:	1970		
WI Ft:		Drill Mo:			
Depth D:		Topo:	Blythewood		
Depth C:	375	Elev:	440		
WI:		Location:			
WI Q:		Yield:			
Diam 1:	6	Yield Yr:			
Diam 2:		D Logs:	No		
OH Cas:		D Logs Text:	<Null>		
Screen T:		P Test:	No		
Screen B:		P Test Text:	<Null>		
SCGS Sampl:	no	County:	Richland		
Object ID 1:	13048	Latitude:	34.1751449976		
Well Use:	DOM	Longitude:	-80.9706397901		
Chem:		X:	-80.97063656567977		
G Logs:		Y:	34.17513834854283		
Well Use Desc:					
Chem Desc:	no analysis				
G Logs Desc:					
Global ID:	255430d7-9bca-4891-ae52-f5217cd0a7e2				
Remarks:	Open-hole well. Rock at 144 feet. Location est.				

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SSW	0.51	2,680.79	421.67	WATER WELLS
Well ID:	RIC-424	Owner Well ID:			
SCGR ID:	30M-x2	WI Yr:			
Co No:		Driller:			
Use:		Drill Yr:	1956		
WI Ft:		Drill Mo:			
Depth D:		Topo:	Blythewood		
Depth C:	35	Elev:	440		
WI:		Location:			
WI Q:		Yield:			
Diam 1:	2	Yield Yr:			
Diam 2:		D Logs:	No		
OH Cas:		D Logs Text:	<Null>		
Screen T:		P Test:	No		
Screen B:		P Test Text:	<Null>		

Wells and Additional Sources Detail Report

SCGS Sampl:	no	County:	Richland
Object ID 1:	13047	Latitude:	34.1751449976
Well Use:	DOM	Longitude:	-80.9706397901
Chem:		X:	-80.97063656567977
G Logs:		Y:	34.17513834854283
Well Use Desc:			
Chem Desc:	no analysis		
G Logs Desc:			
Global ID:	e4446d4e-7c18-4087-8fbd-4c6b6846d1af		
Remarks:	Iron problem. Location estimated.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NE	0.78	4,142.82	414.85	WATER WELLS

Well ID:	RIC-747	Owner Well ID:	
SCGR ID:	30M-r1	WI Yr:	2007
Co No:		Driller:	AAA Well Drilling
Use:		Drill Yr:	2007
WI Ft:	63	Drill Mo:	7
Depth D:	300	Topo:	Blythewood
Depth C:	300	Elev:	
WI:		Location:	
WI Q:		Yield:	100
Diam 1:	6	Yield Yr:	2007
Diam 2:		D Logs:	Yes - log in DNR files
OH Cas:	157	D Logs Text:	Yes
Screen T:		P Test:	No
Screen B:		P Test Text:	<Null>
SCGS Sampl:	no	County:	Richland
Object ID 1:	13359	Latitude:	34.1918147036
Well Use:	IRR	Longitude:	-80.9539793023
Chem:		X:	-80.95397608115357
G Logs:		Y:	34.191808050384616
Well Use Desc:			
Chem Desc:	no analysis		
G Logs Desc:			
Global ID:	44d4bd4e-572c-4836-80bf-be0b9dca2a33		
Remarks:			

Public Water Supply Wells

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	NNW	0.11	582.62	450.20	PWSW

Well No:	G40342	Well Status:	Active
PWS No:	SC4070914	PWS Status:	Active
Availability Desc:	Permanent	PWS Type:	NC

Wells and Additional Sources Detail Report

Latitude:	34.18631	Availabillity:	P
Longitude:	-80.9689	Type:	WL
County:	RICHLAND		
X:	-80.96890000043884		
Y:	34.18631000006567		
PWS Type Desc:	Non-Community Water system		
PWS Name:	BLYTHEWOOD STOP N SHOP (4070914)		

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *RICHLAND* County: **3**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L

Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L

Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *RICHLAND* County

No Measures/Homes:	87
Geometric Mean:	0.4
Arithmetic Mean:	0.7
Median:	0.4
Standard Deviation:	0.9
Maximum:	5.7
% >4 pCi/L:	1
% >20 pCi/L:	0
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of South Carolina conducted during 1990-91. Data represent 2-7 day charcoal canister measurement from the lowest level of each home tested.

Federal Sources

FEMA National Flood Hazard Layer

FEMA FLOOD

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data

INDOOR RADON

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data

PWSV

This list of drinking water violations and enforcement actions is sourced from the U.S Environmental Protection Agency's (EPA) Enforcement and Compliance History Online (ECHO) system that incorporates Public Water Systems data from EPA's Safe Drinking Water Information System (SDWIS) database, as part of the national download of Safe Drinking Water Act (SDWA) data. SDWIS contains information on public water systems from the Public Water System Supervision (PWSS) Program, including monitoring, enforcement, and violation data related to requirements established by the SWDA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level

RADON ZONE

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS)

SDWIS

This national download of Safe Drinking Water Act (SDWA) data is sourced from the U.S Environmental Protection Agency's (EPA) Enforcement and Compliance History Online (ECHO) system that incorporates Public Water Systems data from EPA's Safe Drinking Water Information System (SDWIS) database. SDWIS contains information on public water systems from the Public Water System Supervision (PWSS) Program related to requirements established by the Safe Drinking Water Act (SDWA). Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Soil Survey Geographic database

SSURGO

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data

US WETLAND

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo

US TOPO

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology

US GEOLOGY

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System

FED USGS

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. The data includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIS database information is obtained through the Water Quality Data Portal (WQP). The WQP

Appendix

is a cooperative service sponsored by the USGS, the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC).

State Sources

Coastal Plain Well Records

A list of water wells in the Coastal Plain counties of South Carolina. This is provided by Department of Natural Resource's Hydrology Section.

WATER WELLS

Oil and Gas Wells

As of RI state regulatory agencies, FracTracker Alliance - state of South Carolina confirmed not to have any active (drilled but not plugged) oil and gas wells.

OGW

Public Water Supply Wells

A list of Public Water Supply Wells made available by the South Carolina Department of Environmental Services (SCDES) Bureau of Water (BOW).

PWSW

Underground Injection Control Wells

This list of Underground Injection Control Class V Wells is provided by the South Carolina Department of Environmental Services (SCDES). The majority of Class V Wells are aquifer remediation injection wells, and the remaining are Aquifer Storage and Recovery Wells (storage of potable water in the subsurface).

UIC

Water Wells

A list of water wells in the Piedmont (upstate) counties made available by the South Carolina Department of Natural Resources. Some well locations are approximated to the nearest degree and minute of latitude and longitude.

WATER WELLS

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Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

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TOPOGRAPHIC MAPS

Project Property: Blythewood

10424 Wilson Boulevard
Blythewood SC None
Project No: PJ22040
Requested By: Hanley Environmental, PLLC
Order No: 25042101182
Date Completed: April 22, 2025

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

Year	Map Series
1935	15
1937	15
1953	7.5
1971	7.5
1990	7.5
2014	7.5
2017	7.5
2020	7.5

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

Pre-1947

[Page 223 of 1918 Topographic Instructions](#)

[Page 130 of 1928 Topographic Instructions](#)

1947-2009

[Topographic Map Symbols](#)

2009-present

[US Topo Map Symbols](#)

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

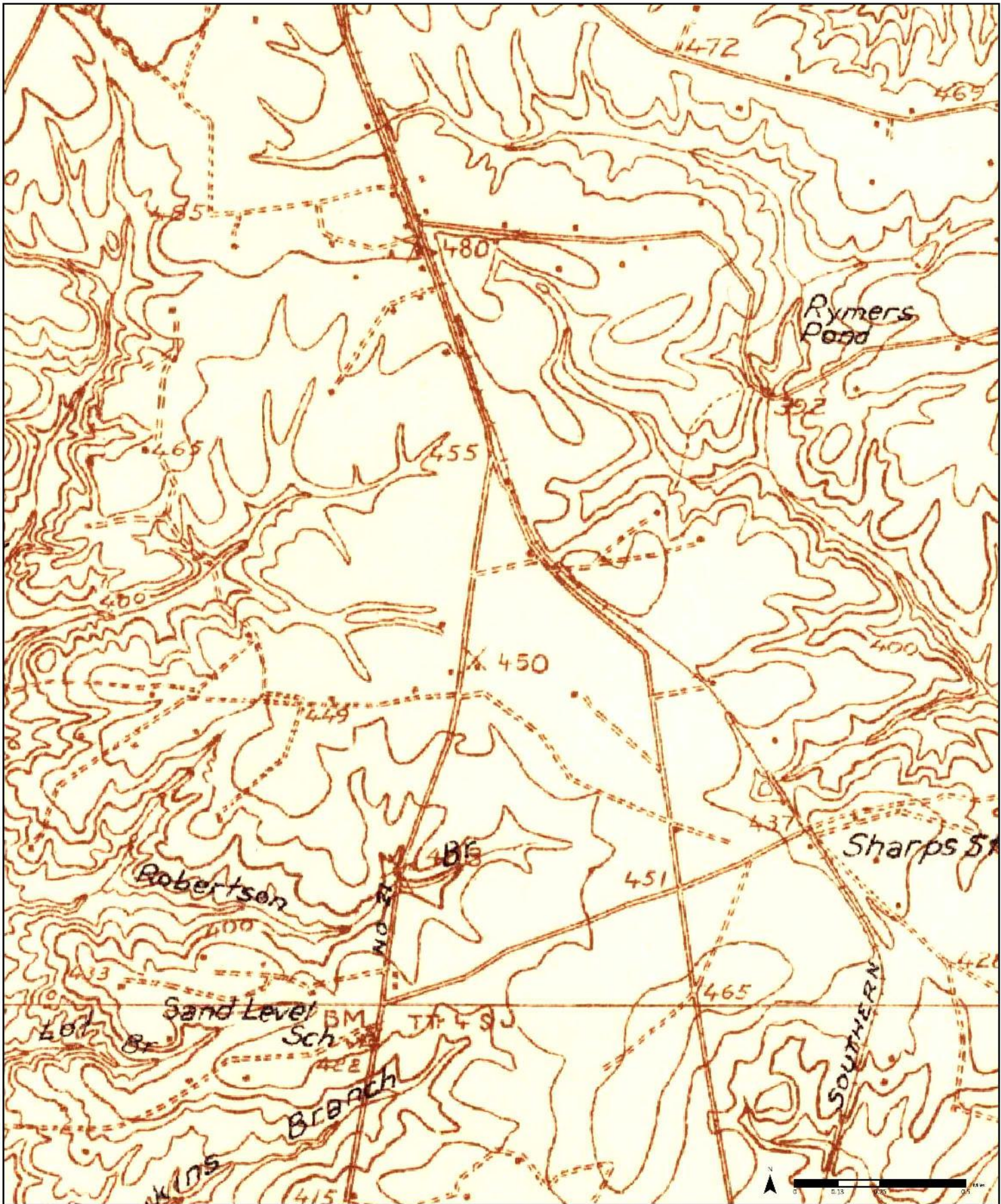
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Environmental Risk Information Services

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1935

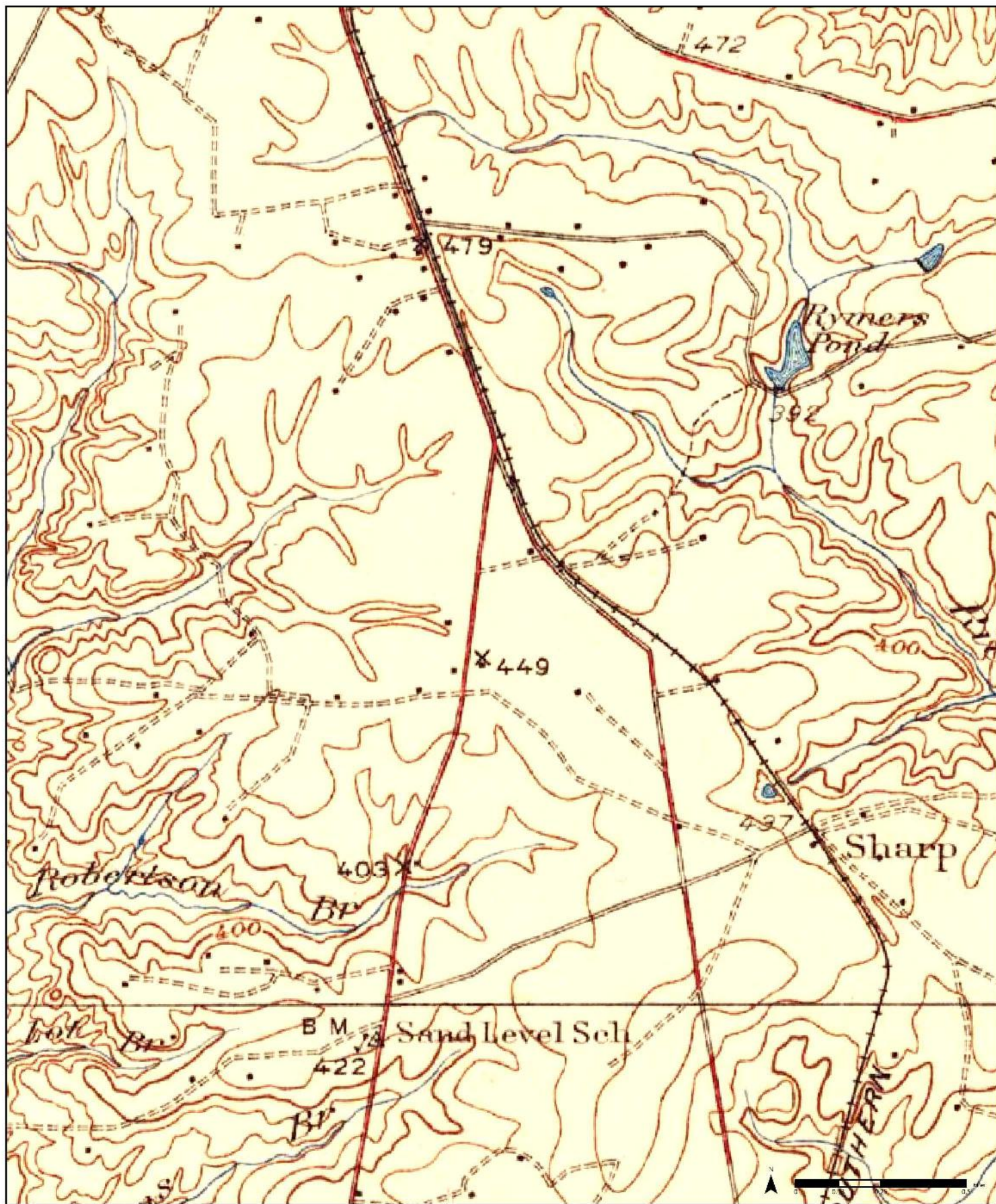
Order No. 25042101182



Available Quadrangle(s): Killian, SC

Source: USGS 15 Minute Topographic Map





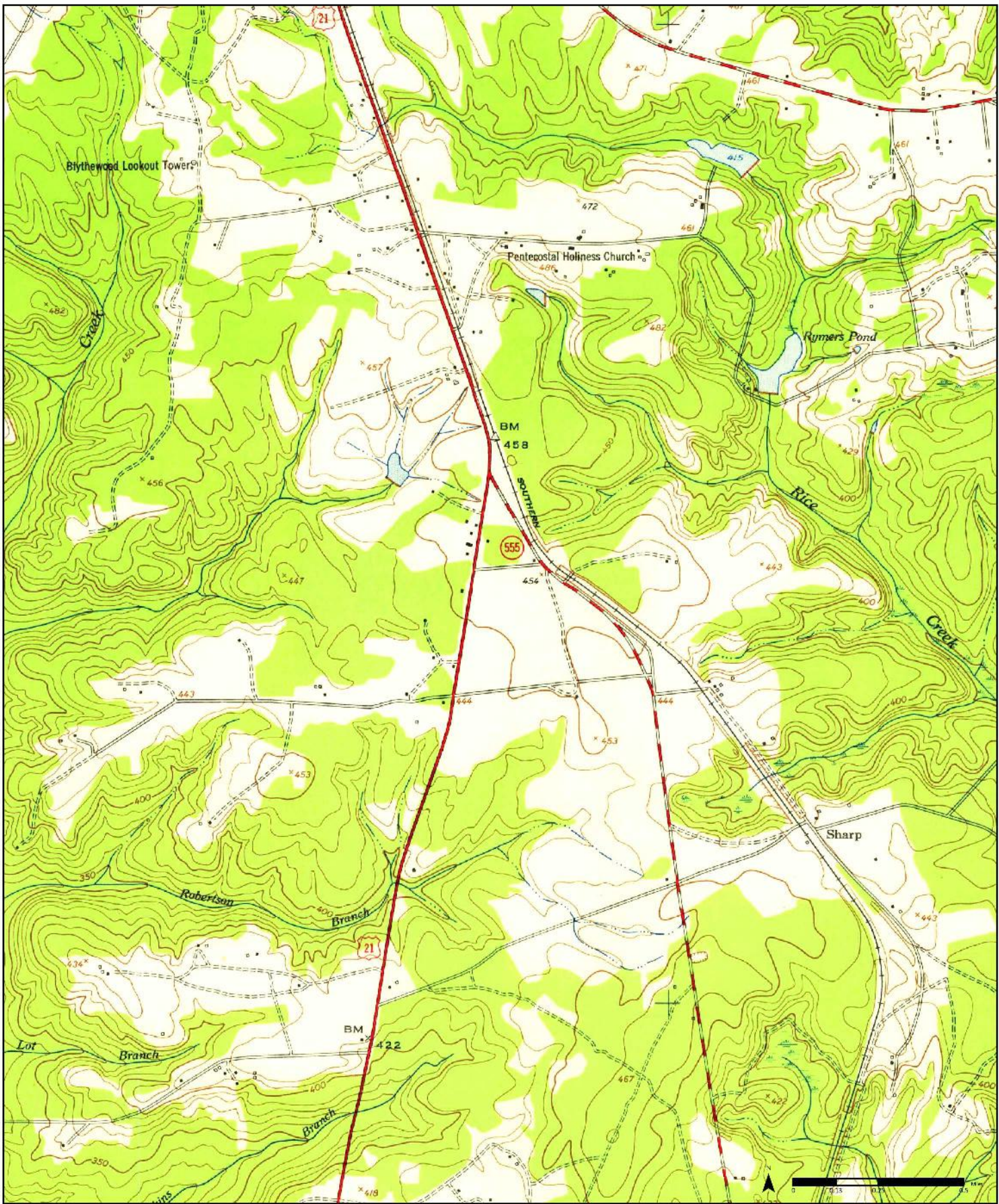
1937

Order No. 25042101182



Available Quadrangle(s): Killian, SC

Source: USGS 15 Minute Topographic Map



1953

(1-1953)
Aerial Photo Year: 1952

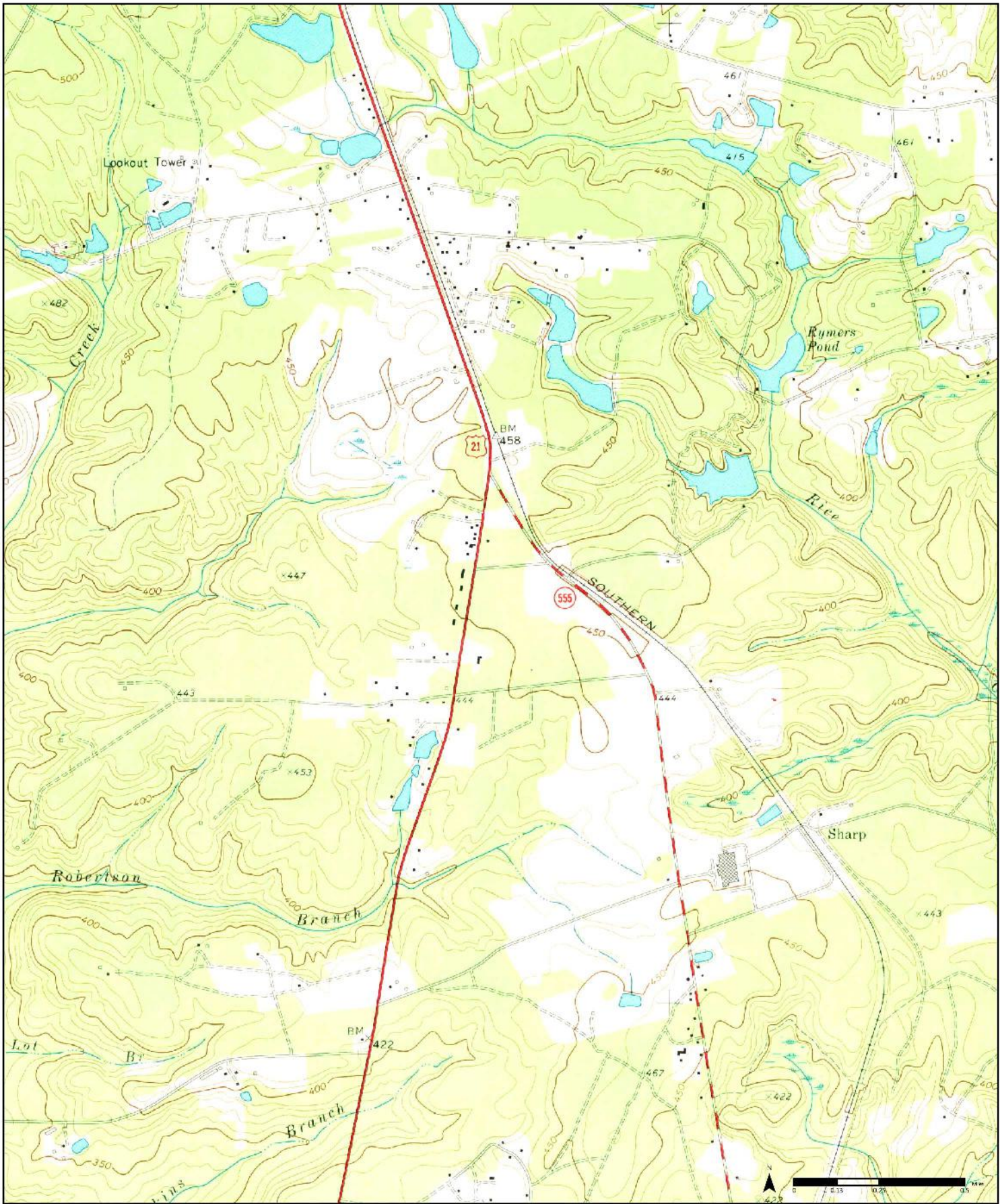
Order No. 25042101182



Available Quadrangle(s): Blythewood, SC (1-1953)

Source: USGS 7.5 Minute Topographic Map

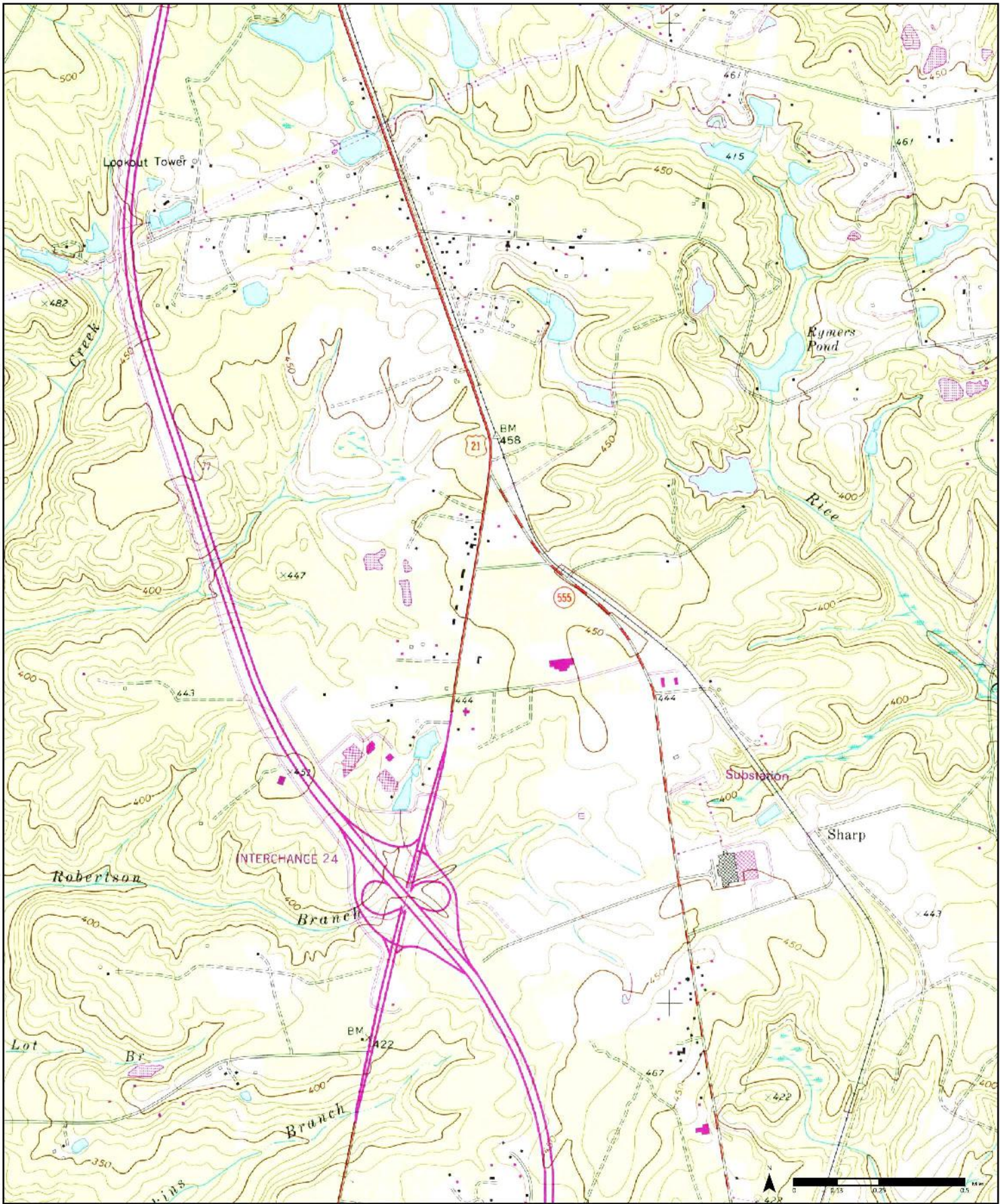




1971 (1-1971) Aerial Photo Year: 1971 Order No. 250/2101182

Blythwood

Available Quadrangle(s): Blythwood, SC (1-1971)



1990

(1-1990)
Aerial Photo Year: 1987
Photo Revision Year: 1990

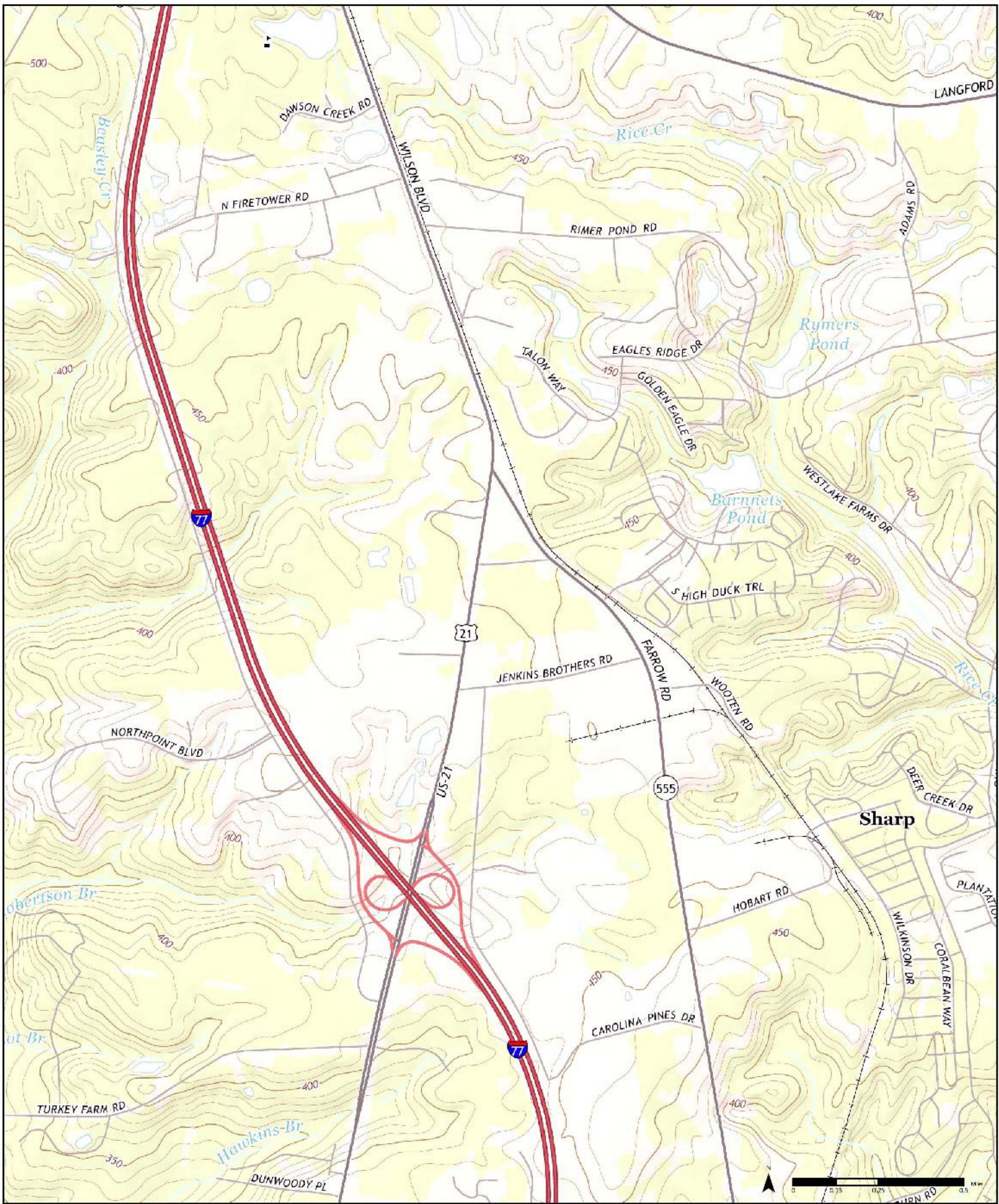
Order No. 25042101182



Available Quadrangle(s): Blythwood, SC (1-1990)

Source: USGS 7.5 Minute Topographic Map





2014

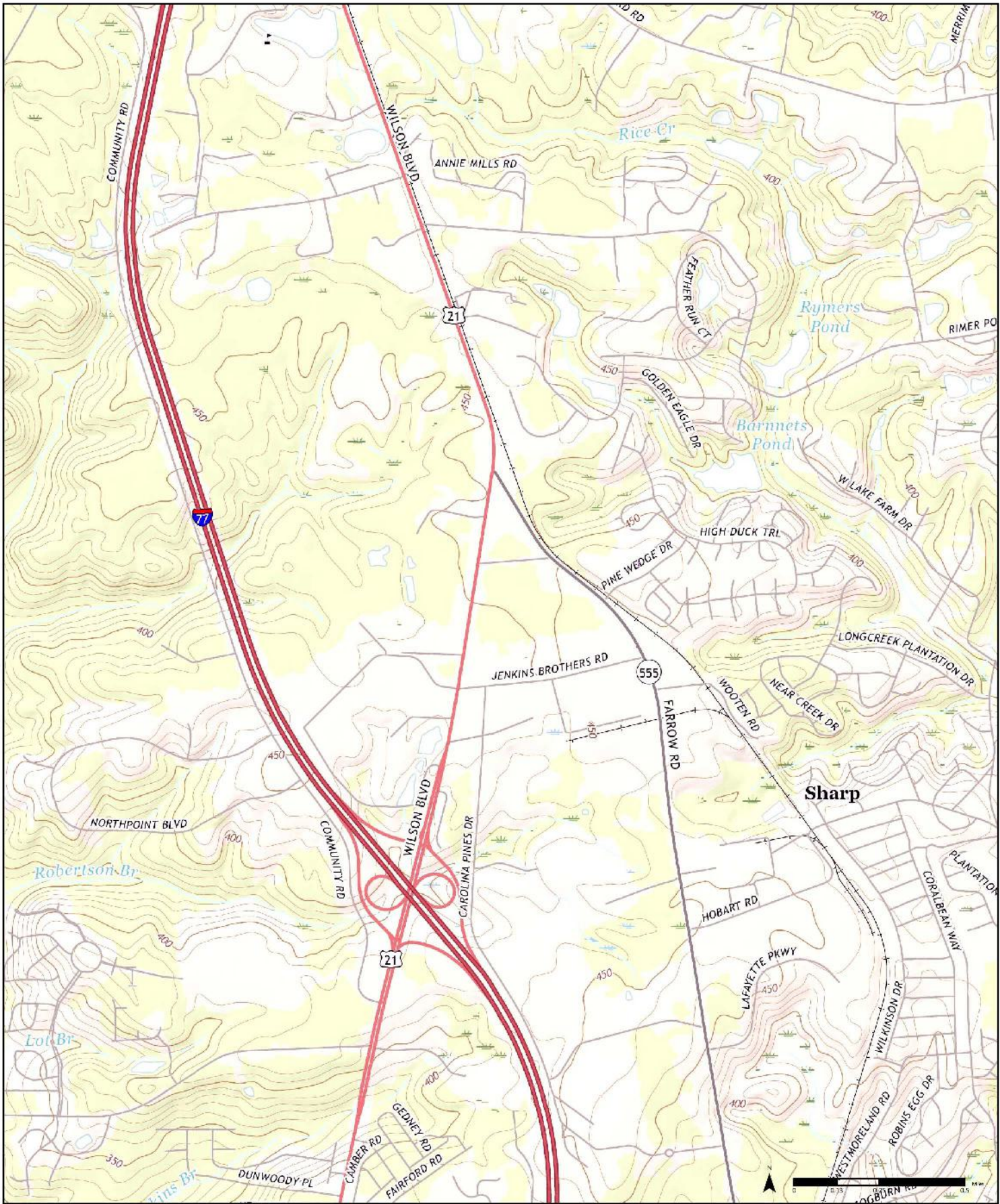
Order No. 25042101182



Available Quadrangle(s): Blythewood, SC

Source: USGS 7.5 Minute Topographic Map





2017

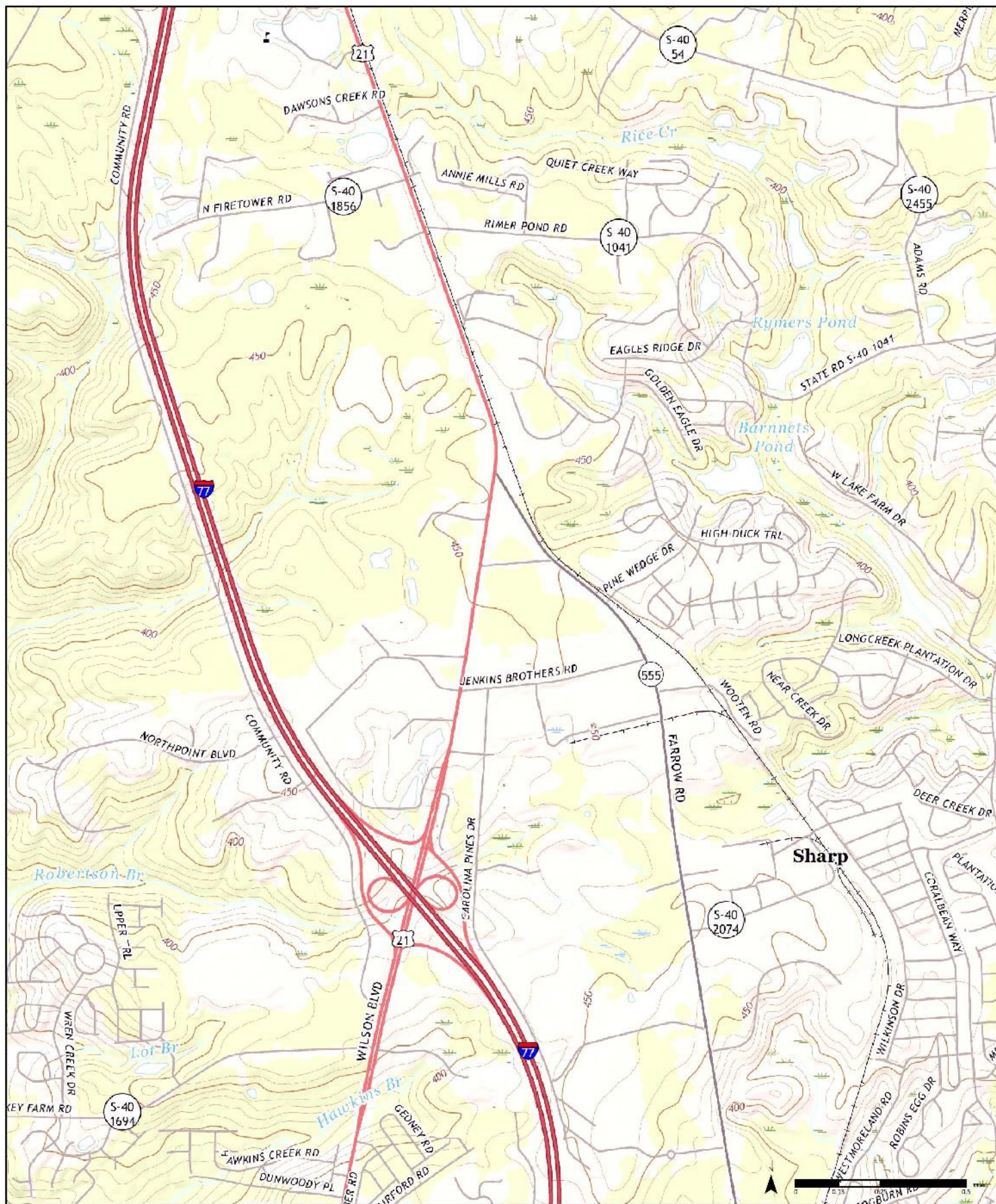
Order No. 25042101182



Available Quadrangle(s): Blythewood, SC

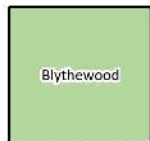
Source: USGS 7.5 Minute Topographic Map





2020

Order No. 25042101182



Available Quadrangle(s): Blythwood, SC

Source: USGS 7.5 Minute Topographic Map



APPENDIX E

Photographic Log



Photo 1

Date:

April 24, 2025

Description:

View of western property boundary and Wilson Boulevard, facing north.



Photo 2

Date:

April 24, 2025

Description:

View of Wilson Boulevard and residential property beyond, facing southwest.



Photo 3

Date:

April 24, 2025

Description:

View of southern property boundary, facing east.



Photo 4

Date:

April 24, 2025

Description:

View of southern adjoining property and Rees's Nursery beyond, facing south.



Photo 5

Date:

April 24, 2025

Description:

Representative view
of subject property
interior.



Photo 6

Date:

April 24, 2025

Description:

View of limited tree
clearing observed in
the central portion of
the property.



Photo 7

Date:
April 24, 2025

Description:
View of
northern
adjoining
property, Rock
Creek Trucking,
facing west.



Photo 8

Date:
April 24, 2025

Description:
View of eastern
adjoining
property,
Redzone Elite
Sports Fitness
Training, facing
northeast.



Photo 9

Date:
April 24, 2025

Description:
View of limited
tree clearing
observed in the
eastern portion
of the property.



Photo 10

Date:
April 24, 2025

Description:
View of inert
debris in the
southern
portion of the
property.



Photo 11

Date:
April 24, 2025

Description:
View of
southern
property
boundary,
facing west.



Photo 12

Date:
April 24, 2025

Description:
View of used oil
container with
minor staining
offsite near the
southeastern
property
boundary.



Photo 13

Date:
April 24, 2025

Description:
View of metal debris offsite near the southeastern property boundary.



Photo 14

Date:
April 24, 2025

Description:
View of damaged drum and black staining, located on the southeast adjoining property (truck parking area) near the southeastern subject property boundary.

APPENDIX F

Documentation of Interviews

Reed Dowdy

From: ombudsman@rcgov.us
Sent: Friday, April 25, 2025 11:35 AM
To: REED.DOWDY@HANLEYENVIRONMENTAL.COM
Subject: FOIA Request: 1142494 No Responsive Documents Available
Attachments: OMB - FOIA Internal Email Attachment - 4-23-2025.msg

Richland County Ombudsman's Office

Fax: 803-929-6009



4/25/2025 11:34:48 AM

RE: Freedom of Information Act (FOIA) Request

Greetings REED DOWDY,

Your request for information pursuant to the Freedom of Information Act, S.C. Code 30-4-10 Ct. seq., concerning the above-referenced matter, was received in the Ombudsman's Office 4/23/2025. Richland County has determined there are no responsive public records regarding this matter.

***** Please see attachment to view original FOIA request *****

Please feel free to contact our office if we may be of further assistance.

Sincerely,

Richland County Ombudsman

**Phase I Environmental Site Assessment
Subject Property Owner Questionnaire
(ASTM E1527-21)**

This Owner Questionnaire is designed to provide relevant information to satisfy the intent of the ASTM Standard E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Please answer the questions to the best of your knowledge.

Name/Title: Michael S. Byson - Sr. V.P. - Development - Pedcor Investments

Connection to Subject Property: Authorized Rep. of owner - Pedcor Investments

How long have you been familiar with the Subject Property:

Four - 4 - Years

Are you aware of past uses of the Subject Property:

No

Are you aware of environmental liens (federal, state, tribal, or local) or activity and use limitations (AULs) associated with the subject property?



No

☐ Yes

If yes, please attach an explanation and copies of environmental lien information.

Are you aware of current or former storage tanks (i.e., gasoline, diesel, heating oil, etc.) on the subject property?



No

☐ Yes

Comment:

Are you aware of current or historical dry cleaner business that operated on the subject property?



No

☐ Yes

Comment:

Are you aware of hazardous substances being dumped, buried, or burned on the subject property? Are you aware of use of the subject property as a junk yard or landfill?



No

☐ Yes

Comment:

Are you aware of pesticides or chemical fertilizers being used on the subject property (other than general landscape use)?



☒ No

☐ Yes

Comment:

Do you know of any specific chemicals that were historically or presently used/stored at the subject property?



☒ No

☐ Yes

Comment:

Are you aware of any spills or other chemical releases that have taken place at the subject property?



☒ No

☐ Yes

Comment:

Are you aware of any environmental cleanups that have taken place at the subject property?



☒ No

☐ Yes

Comment:

Are you aware of any groundwater supply wells or septic systems associated with the subject property?



☒ No

☐ Yes

Comment:

Are you aware of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property, (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property, and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products:



☒ No

☐ Yes

Comment:

APPENDIX G

Qualifications

Professional Summary

Mr. Hanley is a Professional Engineer with a broad range of environmental experience in practice areas including environmental site assessment and due diligence, environmental remediation, brownfields redevelopment, and vapor intrusion assessment and mitigation. As an environmental consultant for more than 13 years, he has been involved with environmental assessment or cleanup of contamination at hundreds of sites throughout the southeastern United States and other areas. These have included industrial, commercial, and residential sites with impacts to groundwater, surface water, soil, sediment, or vapors. Mr. Hanley has managed multi-disciplinary projects under a variety of federal and state regulatory frameworks. Regulatory practice experience includes work under the Comprehensive Environmental Resource, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Toxic Substances Control Act (TSCA), and multiple state regulatory programs. He is licensed to practice engineering Georgia, Michigan, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia.

Education

Master of Science in Engineering | University of Michigan

Environmental Engineering Major

Bachelor of Science in Engineering | University of Michigan

Civil Engineering Major

Professional Registrations and Qualifications

- Environmental Professional – U.S. EPA All Appropriate Inquiries (AAI) Rule (40 CFR §312.20)
- Registered Professional Engineer
 - Georgia (PE #047986)
 - Michigan (PE #6201311522)
 - North Carolina (PE #042045)
 - South Carolina (PE #34800)
 - Tennessee (PE #127096)
 - Virginia (PE #0402062256)
 - West Virginia (PE #022612)
- Radon Mitigation Specialist – National Radon Proficiency Program
- Registered Site Manager - NCDEQ REC Program
- 40-Hour HAZWOPER Certification

Reed Dowdy, P.G.

Project Geologist

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Professional Summary

Mr. Dowdy is a Professional Geologist with over six years of multidisciplinary experience involving complex environmental projects across the southeast supporting municipal, energy, industrial and commercial clients. He has extensive experience managing and executing projects related to Phase I and II environmental site assessments, brownfields redevelopment, mine-site investigations, asbestos containing material surveys, and environmental remediation. Assessment and remedial projects have included industrial, commercial, and residential sites with impacts to groundwater, surface water, soil, sediment, or vapors. Mr. Dowdy has overseen the implementation of remediation systems using technologies including excavation, in situ bioremediation, and vapor intrusion mitigation systems (VIMS) for new construction and existing buildings. He is licensed to practice geology in North Carolina.

Education

Bachelor of Science in Geology | University of North Carolina at Charlotte
Geology Major

Certifications

- North Carolina Licensed Geologist (#2870)
- AHERA Asbestos Inspector Certification
- North Carolina Health Hazards Control Unit Accredited Asbestos Inspector (#13213)
- 40-Hour HAZWOPER Certification