

## Phase I Environmental Site Assessment Report

Richland County Tax Map #R07402-02-02  
2220 Broad River Road, Columbia, SC

*Carolina Crossroads  
I-20/26/126 Corridor Project  
Lexington and Richland Counties, South Carolina*

*June 14, 2017*



Prepared for South Carolina Department of Transportation  
and the Federal Highway Administration

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Prepared by

**F&ME**  
CONSULTANTS



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## 1. Summary

F&ME Consultants, Inc. (F&ME) has performed a Phase I Environmental Site Assessment (ESA) of the property, an operating Circle K gas station, convenience store, and car wash, located at 2220 Broad River Road, Columbia, South Carolina 29210 (Property). The Property is identified with the Richland County Tax Map number R07402-02-02. This assessment was performed for the South Carolina Department of Transportation and Federal Highway Administration (User) for the proposed Carolina Crossroads I-20/26/126 Corridor Project (Project), which has an as-yet undefined scope of work but will require excavation.

In accordance with ASTM E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, F&ME's Phase I ESA included records review and site reconnaissance. F&ME reviewed reasonably ascertainable historical records, historical photographs, regulatory records databases, and other records made available. On March 1, 2017, F&ME photographed the Property during field reconnaissance. The site reconnaissance included an observation of the present usage of adjoining properties within the approximate recommended minimum search distance. Interviews with owners, operators, and/or occupants were not conducted, nor were the interior of the buildings assessed, based on an agreed upon scope of work with the User. Interviews with government officials were conducted, where applicable.

**Findings.** F&ME found environmental records for twenty-three (23) facilities within the minimum search distances. Of the twenty-three (23) facilities identified, fifteen (15) are Underground Storage Tank (UST) facilities, seven (7) are associated with dry-cleaners and State Hazardous Waste Sites (SHWS), one (1) is a United States Environmental Protection Agency Resource Conservation and Recovery Act (RCRA) hazardous waste generator.

**Opinions.** F&ME identified one (1) Controlled Recognized Environmental Condition from a past UST release which occurred directly on the Property and one (1) Recognized Environmental Condition on an adjoining parcel. Both releases are Recognized Environmental Conditions in connection with the Property. Free product is still present in monitoring wells on the adjoining parcel and corrective action is ongoing. Based on a review of reasonably ascertainable information, groundwater and soil contamination are present on the Property as well as on adjoining parcels. Due to the presence of contaminated groundwater and soils, vapor-phase migration concerns currently exist on the Property and on adjoining parcels within the Project area.

**Conclusions.** This assessment has revealed indications of one (1) Controlled Recognized Environmental Condition and one (1) Recognized Environmental Condition in connection with the Property associated with releases from leaking USTs. Both are considered Recognized Environmental Conditions.

**Recommendations.** Active remediation is ongoing on an adjoining parcel. It is F&ME's recommendation that a Phase II ESA is required if soils and/or groundwater are encountered on this Property or any adjoining parcels including the Broad River Road right-of-way.

## 2. Introduction

### 2.1 Purpose

The purpose of this Phase I ESA was to identify, to the extent feasible, pursuant to the processes prescribed in ASTM E1527-13, Recognized Environmental Conditions in connection with the Property.

ASTM 1527-13 defines a Recognized Environmental Condition (REC) as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

ASTM 1527-13 defines a Controlled Recognized Environmental Condition (CREC) as a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

ASTM 1527-13 defines a Historical Recognized Environmental Condition (HREC) 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, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

ASTM 1527-13 defines a de minimis condition as a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

### 2.2 Detailed Scope of Services

Pursuant to an agreement between the User and F&ME, and in accordance with ASTM E1527-13, F&ME's Phase I ESA consisted of a physical site reconnaissance; review of reasonably ascertainable South Carolina Department of Health and Environmental Control (SCDHEC) records for the Property, as well as records pertaining to properties within the minimum search distances as defined in ASTM 1527-13, where applicable, a review of available current and past aerial photographs for the Property; Environmental Data Resources (EDR) reports for the Property; a report written using the format recommended in ASTM E1527-13; and recommendations as to the need for additional investigations where applicable.

This assessment is consistent with good commercial and customary practice as defined in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) for the purposes of the Landowner Liability Protections (LLP).

### 2.3 Significant Assumptions

F&ME has made the following assumptions in preparing the scope for this Phase I ESA.



- Data gathered from public information sources (i.e., libraries and public regulatory agencies) are accurate and reliable.
- Site operations reflect site conditions relative to potential releases and no intentional concealment of environmental conditions or releases has occurred.
- Any interview information is directly reported as gathered by the assessor and is limited by the accuracy of the interviewee's recollection and experience.
- Published geologic information and site observations made by the Environmental Professional are utilized to estimate likely surficial and subsurface contaminant migration pathways (i.e., groundwater, soil, and vapor). These estimates are limited in accuracy and generally cross-referenced with existing information about similar sites and environmental releases in the area.

## 2.4 Limitations and Exceptions

This Phase I ESA does not address all possible environmental liabilities that the User may need to consider in the context of a commercial real estate transaction. Investigative areas not included in this Phase I ESA include asbestos-containing building materials, biological agents, cultural and historical resources, ecological resources, endangered species, health and safety, indoor air quality, industrial hygiene, lead-based paint, lead in drinking water, mold, radon, regulatory compliance, wetlands, and FEMA flood zones.

### 2.4.1 SITE RECONNAISSANCE

The findings of this report are applicable and representative of conditions encountered at the Property on the date of the field reconnaissance, and may not represent conditions at a later date. Where portions of the site were inaccessible or access was limited, F&ME renders no opinion as to the presence or absence of potential environmental concerns located indirectly or directly on the Property, adjoining properties, or contents of onsite/offsite building structures.

### 2.4.2 RECORDS REVIEW

The review of public records was limited to that information which was available to F&ME at the time that this report was prepared. To the extent that public files were missing, incomplete, or not provided, F&ME is not responsible for the completeness of public files. If an overlap in the information provided by the various officials, other parties, or agencies is noted, F&ME did not attempt to verify the accuracy or completeness of information received and incorporated into this Phase I ESA. No warranty or guarantee, either stated or implied, is given concerning the authenticity of the various agencies and present or past owners or operators of the Property or the completeness of federal, state, or local records.

If data gaps concerning the Property and adjoining properties are identified, regardless of cause (i.e., intentional or unintentional withholding or loss of information), F&ME will attempt to comment on the significance of these data gaps. However, F&ME cannot and does not warrant or guarantee that no

significant events, releases, or negative conditions arose during periods of time for which no records are available.

### 2.4.3 FINDINGS, OPINIONS, CONCLUSIONS, AND RECOMMENDATIONS

The findings, opinions, and conclusions of this Phase I ESA are based, in part, upon the information obtained from the records made available by others and from the site reconnaissance. If variations or latent conditions arise or become evident later, it may be necessary to re-evaluate the findings and conclusions presented in this Phase I ESA.

During the Phase I ESA, F&ME did not perform any collection, sampling, or laboratory analysis of materials (e.g., soil, water, air, building materials). Therefore, if the conclusions and recommendations contained herein are based in part upon laboratory data found during our research, then the conclusions and recommendations are contingent upon the validity of such data and the laboratory that performed the analyses and prepared the analytical data report.

The potential for vapor encroachment or intrusion into excavations within the Project area are considered relative to onsite and offsite sources, based on the experience of the Environmental Professional.

## 2.5 User Reliance

This Phase I ESA has been prepared exclusively for the User, and shall not be disseminated in whole or in part to other parties without prior consent from F&ME.

## 3. Site Description

### 3.1 Location and Legal Description

The Property is located at 2220 Broad River Road, Columbia, South Carolina 29210. According to the online Richland County GIS mapping tool, the Property is listed under parcel number R07402-02-02, and the zoning description is M-1 "Light Industrial District." Refer to Appendix B for the general layout of the Property, and Appendix F for legal descriptions.

### 3.2 Site and Vicinity General Characteristics

The Property is located in an urban/suburban area. It consists of a gas station and convenience store. The Property is accessible via Broad River Road located to the south. For more information about the Property, see Section 6. Please refer to the Site Vicinity Map in Appendix A and the Site Plan in Appendix B.

The Property is located approximately 317 feet above mean sea level, according to information obtained from the 2014 United States Geological Survey's (USGS) 7.5 Minute Topographic Map. Please refer to Appendix D for USGS topographic maps of the Property.

### 3.3 Geologic and Hydrogeologic Conditions

The rock stratigraphic unit on the Property is classified as the Carolina Terrane (formerly Carolina Slate Belt) formation from the Paleozoic era with upper Paleozoic meta volcanic phyllitic slate (Phyllite). The geologic age identification category is Cambrian.

According to the Soil Survey of Richland County, the USDA Soil Conservation Service, in cooperation with the South Carolina Agriculture Experiment Station and the South Carolina Land Resources Conservation Commission, issued January 1976: "Soils at this site are generally Georgeville-Nason association: Gently sloping to strongly sloping, well-drained soils that have a predominantly clayey subsoil high in content of silt; underlain by slate bedrock; on southern Piedmont."

Groundwater for the Property was noted at a depth of approximately twenty-five (25) feet below ground surface. Depth to groundwater throughout the Property is largely controlled by rainfall frequency, intensity, storm water movement, and depth to bedrock. Therefore, reference to groundwater in this area should not be considered static.

### 3.4 Current Use of the Property

The Property is currently operating as a Circle K gas station, convenience store, and car wash.

### 3.5 Current Uses of the Adjoining Properties

The Property is situated in an urban/suburban area, generally surrounded commercial sales and service facilities and beyond the adjoining parcels some residential homes and apartments.

Location Relative to the Property	Adjoining Property/Facility Description
North	Teleperformance
South	The Black Pearl Restaurant
East	I-20 right-of-way and exit ramp
West	North American Title Loans (former gas station)

## 4. User Provided Information

### 4.1 Title Records

The User did not provide F&ME with any title records for the Property. Therefore, documents were obtained from TerraTitle, LLC who obtained title information from the Richland County Office of the Register of Deeds and Tax Assessor's Office. Copies of the deeds are located in Appendix F.

#### 4.1.1 CURRENT OWNERSHIP

Circle K Stores Incorporated, was listed as the current owner of the Property, using the Richland County GIS Mapper and as noted in the title information provided by TerraTitle, LLC.

#### 4.1.2 PREVIOUS OWNERSHIP

Previous ownership is demonstrated through the Property's deeds as provided by TerraTitle, LLC. The purpose of this section is to show the apparent chain-of-ownership for the preceding approximately sixty (60) year period based on Richland County records.

## 4.2 Environmental Liens or Activity and Use Limitations

Deed restrictions, resulting from a UST release that occurred on the Property, first appear in the 2014 deed transfer. The deed restrictions address, institutional controls, accessibility to the Property for corrective action, and restrictions on current and future use of the Property. See Appendix F for more information.

## 5. Records Review

### 5.1 Standard Environmental Record Sources

F&ME utilized EDR to complete a database search of federal, state, local, and tribal environmental records for the Property. The EDR also collected information on properties within the required minimum search distance as defined in ASTM 1527-13.

Additionally, F&ME asked for information from the SCDHEC Freedom of Information (FOI) office pertaining to records related to the Property and sites within the minimum search distance. F&ME requested the following information.

- Information pertaining to the removal or installation of above ground tanks (ASTs) and USTs.
- Issuance of any environmentally related licenses, permits, and well records.
- Issuance of any licenses, permits, or complaints against to store hazardous substances and/or petroleum products on the Property and/or adjoining properties and any actions taken.
- Issuance of any licenses, permits, or complaints regarding waste disposal on the Property and/or adjoining properties.
- Brownfields sites on the Property and/or adjoining properties.

SCDHEC responded on February 16 and 17, 2017 regarding the existence of environmental records for properties located along Broad River Road. Refer to the letters in Appendix E for more information.

As outlined by EDR's Radius Map Report, thirty-five (35) environmental records were identified for twenty-three (23) facilities within the minimum search distances. Of the twenty-three (23) facilities identified, fifteen (15) are UST facilities, seven (7) are associated with dry-cleaners and State Hazardous Waste Sites, and one (1) is a RCRA generator. See Appendix E for a listing of the results of these searches.



### 5.1.1 RCRA GENERATOR FACILITY

From the records research, one (1) RCRA conditionally exempt small quantity generator (CESQG) is located within the minimum search distance. Carolina Industrial Inc./Aamco Transmissions is located approximately 1,258 feet northwest of the Property, at 2428 Broad River Road. The facility is a CESQG due to the low volume of hazardous waste managed by the facility. This facility has no known releases or violations. Due to the distance from the Property, and lower elevation, this facility is generally not a potential impact to the Property.

Two (2) other facilities were located by the EDR search (Property and McQuick's), both are discussed below since they are connected to a release from leaking USTs.

### 5.1.2 UNDERGROUND STORAGE TANK FACILITIES

The database search found fifteen (15) UST sites registered with the State within the minimum search distance. These sites are as follows.

- Property (Circle K/Kent's Korner/Exxon) (Permit number 07648), located at 2220 Broad River Road (release, Property)
- North American Title Loans (former Speedway) (Permit number 07758), located at 2224 Broad River Road (release, adjoining parcel)
- Jiffy Lube (McQuick's) (Permit number 10130), located at 2121 Broad River Road (release, higher elevation)
- Vacant (former Sheppards Texaco) (Permit number 07605), located at 2116 Broad River Road (release, higher elevation)
- Vacant (former Racetrac) (Permit number 07910), located at 2108 Broad River Road (releases, higher elevation)
- Yokahama Tire (Permit number 18544), located at 2341 Broad River Road (release, lower elevation)
- Texaco Service (no permit number), located at Broad River & I-20 (no known release, higher elevation)
- Columbia Fire Department (Permit number 07326), located at 1225 Briargate Circle (release, higher elevation)
- Affordable Dentures (former Gulf Service Station) (Permit numbers 07342 and 11060), located at 2123 Broad River Road (release, higher elevation)
- Constan Inc. (Permit number 07925), located at 2505 Broad River Road (release, lower elevation)
- Circle K (Permit number 11013), located at 2624 Broad River Road (release, higher elevation)

- Fraiser Tire (Permit number 14101), located at 828 Dutch Square (release, lower elevation)
- Penske Auto Center (Permit number 07780), located at 99 North Arrowood Road (release, lower elevation)
- Former USA Service (Also listed under Fraiser Tire on DHEC Registry), located at Dutch Square Mall (release, higher elevation)
- Pep Boys (Permit number 18230), located at 1804 Broad River Road (release, higher elevation)

Four (4) of the UST facilities (Constan, Yokahama, Fraiser Tire, and Penske Auto Center) were at a lower elevation. Nine (9) of the UST facilities (Texaco Service, Columbia Fire Department, McQuick's, Sheppard's Texaco, former Racetrac, former Gulf Service Station, Pep Boys, Circle K, and Former USA Service) were listed at a higher elevation with releases. However, due to the distance from the Property and/or the groundwater flow direction at each respective facility, a release from these facilities would generally not be a potential threat to the Property. The Property and the adjoining parcel are discussed below.

**Property - Circle K Convenience Store (Kent's Korner/Exxon) (Permit number 07648), located at 2220 Broad River Road** - The SCDHEC Underground Storage Tank Registry website revealed that the Circle K Convenience Store, located at 2220 Broad River Road, is a gas station, which is a UST site registered with the State. One (1) tank is currently in use at the site and nine (9) USTs were abandoned by removal.

The FOI data provided by SCDHEC showed that a release associated with the Property was reported, and cleanup initiated, in November of 1989. No Further Action (NFA) was provided by the SCDHEC on October 28, 1998. However, groundwater contamination above the maximum contamination limit (MCL) was noted to remain on the Property. The most current data provided, by FOI, was a "Report of Groundwater Sampling and Chemical Analyses," submitted to the SCDHEC by Midlands Environmental Consultants Inc., dated September 29, 2006. A copy of the results, taken from this report, showing the CoC concentrations in groundwater on the Property and adjoining parcels in 2006, is provided in Appendix E.

During F&ME's field reconnaissance, five (5) groundwater monitoring wells were found on the Property. Based on discussions with Ed Mendenhall of the UST Program at SCDHEC, neither the 1998 NFA letter nor the groundwater monitoring results were available from that time period. From information reviewed on the SCDHEC website, as well as discussions with Mr. Mendenhall, the potential for contamination is a "long term threat." It is understood that, although an NFA was provided in 1998, periodic sampling is still performed at the site. Groundwater is generally understood to be traveling north, away from Broad River Road. Based on discussions with SCDHEC, to date, no drinking water wells have been affected by the release. However, based on a review of reasonably ascertainable information from EDR, FOI, site reconnaissance and interview with Mr. Mendenhall, it is understood that groundwater and soil have been affected by the release. Due to the presence of contaminated soils, potential vapor-phase migration concerns currently exist on the Property and on adjoining parcels.

Due to the lack of historical information and documentation, as well as the periodic requirement for sampling on site, this release is a CREC. This CREC has impacted soil and groundwater, and has the potential to impact soil and groundwater on adjoining parcels within the Project area.

**Former Speedway (Permit number 07758), located at 2224 Broad River Road** - F&ME reviewed the SCDHEC Underground Storage Tank Registry website, which revealed that the North American Title Loans, located at 2224 Broad River Road, is a former Speedway gas station, which is a UST site registered with the State. All five (5) USTs were abandoned by removal and no active tanks are listed on the Registry.

The FOI data provided by SCDHEC showed that a release associated with this parcel was reported in December of 1989 and cleanup was initiated in July of 1990. Various stages of assessment activities and associated reporting have occurred in connection with this release (i.e. approximately five (5) AFVR events) and subsequently lead to SCDHEC to require deed restrictions for this parcel. The most current data provided, by FOI, was a "Groundwater Analyses Report," (by Parsons) submitted to the SCDHEC by Marathon Petroleum Company, dated September 30, 2016. A copy of the "Constituents of Concern Concentrations," taken from this report, showing the CoC concentrations in groundwater on this parcel and adjoining parcels in 2016, is provided in Appendix E.

During F&ME's field reconnaissance, fourteen (14) groundwater monitoring wells were located on this parcel and adjoining parcels. Based on discussions with Ed Mendenhall of the UST Program at SCDHEC, as of January 2017, free product is still present in monitoring wells on this parcel. From information reviewed on the SCDHEC website and discussions with Mr. Mendenhall, it is understood that corrective action is ongoing. Groundwater is generally understood to be traveling north, away from Broad River Road. Based on our discussions with SCDHEC, to date, no drinking water wells have been affected by the release. However, based on a review of reasonably ascertainable information from EDR, FOI, site reconnaissance and interview with Mr. Mendenhall, groundwater and soil contamination are present on this parcel as well as on adjoining parcels located to the north and east. Due to the presence of contaminated groundwater and soils, vapor-phase migration concerns currently exist on this parcel, on adjoining parcels, and within Broad River Road right-of-way. This release is a REC which has impacted soil and groundwater, and has the potential to impact soil and groundwater on adjoining parcels within the Project area.

### 5.1.3 DRY-CLEANING AND STATE HAZARDOUS WASTE SITES

The database search found seven (7) SHWS and Dry-cleaning facilities within the minimum search distance. These sites are as follows.

- Palmetto Fine Cleaners, located at 1718 Broad River Road (release, higher elevation)
- Suburban Lodge, located at 1633 Broad River Road (release, higher elevation)
- Brite Cleaners (Dry-cleaner/Brownfield), located at 422 Broad River Road (release, lower elevation)
- Deluxe Cleaners, located at 3007 Broad River Road (release, lower elevation)

- Arnolds Professional Cleaners, located at 3104 Broad River Road (release, higher elevation)
- Former Dry-cleaner, located at 3128 Broad River Road (release, lower elevation)
- Tripp's Fine Cleaner, located at 1339 Broad River Road (release, lower elevation)

The database search found four (4) SHWS and dry-cleaning sites located within the minimum search distance at a lower elevation. Three (3) dry-cleaning sites (Palmetto Fine Cleaners, Suburban Lodge, and Arnolds Professional Cleaners) are located at a higher elevation with releases. However, due to the distance from the Property (3,015 feet, 3,254 feet, and 5,073 feet, respectively) and/or the groundwater flow direction at each respective facility, a release from these sites would generally not be a potential threat to the Property.

## 5.2 Historical Use Information on the Property

The historical use of the Property was evaluated through the information received, available aerial photographs, mapping, and city directories. The historic information was obtained from the following sources.

Source	Document/Photograph Dates
Aerial Photographs (EDR)	1938, 1943, 1951, 1955, 1964, 1966, 1971, 1983, 1989, 1994, 1999, 2005, 2006, 2009, 2011
Topographic Map (EDR)	1904, 1947, 1948, 1972, 1983, 1990, 1997, 2014
Sanborn Map (EDR)	Unmapped Property
City Directory (EDR)	1952, 1964, 1970, 1973, 1978, 1983, 1988, 1992, 1995, 1999, 2003, 2008, 2013

Aerial photographs, of the area in 1938, show the use of the area is primarily rural farmland and woodlands. The Property, at that time, appears to be open field, surrounded by open fields, and a farm house to the west. A dirt road is located in front of the Property close to the alignment of Broad River Road. A dirt driveway is located on the Property leading to a farm house and, possibly, other parcels to the east. By 1943, Broad River Road appears to be paved.

By 1951, smaller residential lots are being developed along Broad River Road and by 1964, a major portion of I-20 has been constructed adjoining the Property to the south and east. In 1966, the parcel to the west appears to be vacant and the old house is gone. A dirt road has been constructed, where the house once stood, and extends to the east. The dirt road appears to be access to the new housing development to the east. However, adjoining parcels remain undeveloped.

By 1971, a filling station appears on the Property and I-20 has been completed. The parcels to the north and west of the Property have also been developed. The parcel to the south has not been developed, although, the home and out-buildings are no longer found on this parcel.

Between 1971 to 1983, modifications or renovations to the adjoining gas station to the west have taken place. By 1983, the adjoining parcel to the south, Brandi's Restaurant & Lounge, has been developed.



By 1989, the entrance for the former GEX, located to the west of the Property, is being renovated for the new Home Quarters hardware store. By 1994, the renovations replace the asphalt parking lot adjacent to the west side of the adjoining gas station with the current grass lot seen today. By 1999, the Property has undergone building modifications, including the addition of what appears to be the existing fuel island canopy seen today. By 2006, the cell tower has been constructed on the northeast corner of the adjoining parcel to the west. Little changed in the area between 2006 and 2011.

The city directories from 1970 and 1973 confirm that the operator of the Property for the original gas station was Shealy's Esso, then Shealy's Exxon in 1973. The city directory also show that Newman Shell Station operated the parcel to the west and GEX Membership Department Store operated the parcels to the north.

By 1988, the directory shows that the Property changed the name to Broad River Exxon Gas Station. The parcels to the south have been developed and the first entry appears in the directory for 2219 Broad River Road, Brandi's Restaurant & Lounge.

The city directory appears to support modifications or renovations to the Property in 1999, as no listing for the Property are available for that year. When the Property reappeared in the directory in 2003, the name had changed to the way it appears today, Kent's Korner 21.

Sanborn maps were requested from EDR; however, the Property is an unmapped area. The topographical maps show that the general topography on the Property and within the area has changed very little over time.

See Appendix D for copies of the referenced aerial photographs, topographical maps, city directories, and Sanborn map search as provided by EDR.

## 6. Site Reconnaissance

### 6.1 Methodology and Limiting Conditions

On March 1, 2017, F&ME conducted a site reconnaissance of the Property to the extent the Environmental Professional was not obstructed by bodies of water, adjacent buildings, or other obstacles. The site reconnaissance included a site walkover of both the Property and adjoining properties, and taking pictures of the Property and its contents. The Property was viewed from all adjacent public thoroughfares. Photographs taken during site reconnaissance are included in Appendix C.

### 6.2 General Site Setting

The Property consists of a Circle K gas station, convenience store, and car wash. The building is a metal-sided structure with a glass front. The fuel island canopy is of similar construction. Access to the Property was via Broad River Road located to the south. Most of the Property has a paved, asphalt, and concrete overlay.

## 6.3 Exterior Observations

During the site reconnaissance, the following site features were noted: evidence of an active underground storage tank, fueling dispenser islands, separate car wash structure, approximately five (5) monitoring wells, dumpster inside of storage area, bags of trash located adjacent to the dumpster storage area, HVAC units, and a cell phone tower located on an adjoining parcel, along the west boundary of the Property.

F&ME discovered the presence of above and below ground utilities on the Property, adjoining properties, and the existing right-of-way along Broad River Road. Additionally, various storm drain structures were noted on the Property. No staining of site soils or vegetation was noted during the site reconnaissance.

## 7. Data Gaps

F&ME identified the following data gaps that affect the ability of the Environmental Professional to identify RECs.

- Absence of aerial photography between 1943-1951, 1955-1964, and 1971- 1983.
- Lack of Sanborn map coverage.
- Lack of owner, operator, and/or occupant interviews (at the request of the User).
- Lack of interior building observations.

None of the listed data gaps were significant, since other historical information was available that provided adequate information.

## 8. Findings

F&ME Consultants has completed this Phase I ESA, and based on our research, the following findings were revealed:

- The Property has been a filling station since approximately 1970, and before that, the uses of the Property were generally residential and agricultural, dating back to at least the 1930s.
- The Property currently consists of Circle K gas station, convenience store, and car wash.
- Most of the Property is paved with either asphalt or concrete. The remaining portion of the property was landscaped and well kept.
- The geologic stratigraphy of the Property consists of gently sloping to strongly sloping, well-drained soils that have a predominantly clayey subsoil high in content of silt down to bedrock.
- Nine (9) USTs were listed on the Registry, and were confirmed to be abandoned during field reconnaissance.

- According to the latest monitoring report, approximately ten (10) groundwater monitoring and recovery wells are associated with the release on the Property.
- Groundwater is understood to be traveling north, away from Broad River Road. However, soil and soil vapor concerns still exist on the Property, on adjoining parcels, and within the right -of-way.
- Regulatory records research indicated thirty-five (35) environmental records were identified for twenty-three (23) facilities within the minimum search distances. Of the twenty-three (23) facilities identified, fifteen (15) are UST facilities, seven (7) are associated with dry-cleaners and State Hazardous Waste Sites, one (1) is a RCRA generator.
  - Research for the North American Title Loans facility (formerly Speedway), located at 2224 Broad River Road, indicate that a release to groundwater has occurred, and contamination is present on and off site. Corrective action is ongoing.
  - The Circle K Convenience Store, located at 2220 Broad River Road, is an adjoining parcel. Research indicate that a release to groundwater occurred, and contamination was present on site and continues to be monitored.
  - Four (4) of the UST facilities (Constan, Yokahama, Fraiser Tire, and Penske Auto Center) were at a lower elevation.
  - Nine (9) of the UST facilities (Texaco Service, Columbia Fire Department, McQuick's, Sheppard's Texaco, former Racetrac, former Gulf Service Station, Pep Boys, Circle K, and Former USA Service) were listed at a higher elevation with releases. However, due to the distance from the Property and/or the groundwater flow direction at each respective facility, a release from these facilities would generally not be a potential threat to the Property.
  - Four (4) SHWS and dry-cleaning sites are located within the minimum search distance at a lower elevation.
  - Three (3) dry-cleaning sites (Palmetto Fine Cleaners, Suburban Lodge, and Arnolds Professional Cleaners) are located at a higher elevation with releases. However, due to the distance from the Property and/or the groundwater flow direction, at each respective facility, a release from these sites would generally not be a potential threat to the Property.
  - One (1) RCRA conditionally exempt small quantity generator (CESQG), Carolina Industrial Inc./Aamco Transmissions, is located at 2428 Broad River Road. This facility has no known releases or violations. Due to the distance from the Property, and lower elevation, this facility is generally not a potential impact to the Property.

## 9. Opinions

Based on our records research and interview with SCDHEC, it is F&ME's opinion that the potential for contamination is still present from past releases on, both, the Property and the adjoining parcel located to the west. Other than those facilities listed below, the surrounding sites within the minimum search distances pose little risk of impacting or contaminating the Property, based on the proximity in relation to the Property, review of topographic mapping data, a general understanding of the groundwater flow direction in the area around the Property, and a general understanding of the regional geology and soil stratigraphy in the area.

F&ME identified one (1) REC and one (1) CREC associated with the Property

- The SCDHEC Underground Storage Tank Registry website revealed that the Property, Circle K Convenience Store, located at 2220 Broad River Road, is a gas station, which is a UST site registered with the State. One (1) tank is currently in use and nine (9) USTs were abandoned by removal. Groundwater contamination above the maximum contamination limit (MCL) was noted to remain on the Property. The most current data provided, by FOI, was a "Report of Groundwater Sampling and Chemical Analyses," submitted to the SCDHEC by Midlands Environmental Consultants Inc., dated September 29, 2006. From information reviewed on the SCDHEC website, as well as discussions with Mr. Mendenhall, the potential for contamination is understood to be a "long term threat." Although an NFA was provided in 1998, periodic inspections are still performed at the Property. Based on a review of reasonably ascertainable information from EDR, FOI, site reconnaissance and Mr. Mendenhall, groundwater and soil was affected by the release. Due to the presence of contaminated soils, potential vapor-phase migration concerns currently exist on the Property and on adjoining parcels. This release is a CREC which has impacted soil and groundwater, and has the potential to impact soil and groundwater on adjoining parcels within the Project area.
- North American Title Loans, located at 2224 Broad River Road, is a former Speedway gas station, which is a UST site registered with the State. All five (5) USTs were abandoned by removal and no active tanks are listed on the Registry. Various stages of assessment activities and associated reporting have occurred in connection with this release (i.e. approximately five (5) AFVR events). This subsequently lead SCDHEC to require deed restrictions for this parcel. Based on discussions with Ed Mendenhall, of the UST Program at SCDHEC, as of January 2017, free product is still present in monitoring wells on the parcel and corrective action is ongoing. Based on a review of reasonably ascertainable information from EDR, FOI, site reconnaissance and Mr. Mendenhall, groundwater and soil contamination are present on this parcel as well as on adjoining parcels. Due to the presence of contaminated groundwater and soils, vapor-phase migration concerns currently exist on this parcel and on adjoining parcels. This release is a REC which has impacted soil and groundwater, and has the potential to impact soil and groundwater on adjoining parcels within the Project area.



## 10. Conclusions

F&ME has performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-13 of 2220 Broad River Road, Columbia, SC 29210, the Property. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. This assessment has revealed indications of one (1) REC and one (1) CREC in connection with the Property associated with a release from leaking USTs. Both are considered RECs associated with the Property.

The following statement is required by ASTM E1527-13 as a declaration of whether RECs were found:

*F&ME has performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-13 of 2220 Broad River Road (Property) located in Richland County, South Carolina. Any exceptions to or deletions from these practices are described in previous sections of this report. This report has revealed indications of two (2) RECs in connection with the Property.*

## 11. Recommendations

Recommendations were developed through the investigative procedures described in the Scope of Services, Significant Assumptions, and Limitations and Exceptions sections of this report. Based upon the identification of RECs, F&ME makes the following recommendations:

- A Phase II ESA should be performed, if soil or groundwater will be disturbed on the Property, or any adjoining parcels. The Phase II ESA should include sample collection, specifically, in areas where a potential for disturbance of soil and/ or groundwater exists. The sampling strategy for the Phase II ESA should follow the field screening and sampling procedures, as directed in the SCDHEC Underground Storage Tank Programs Quality Assurance Program Plan (QAPP) to determine the presence of hydrocarbons. Samples should be analyzed for those parameters listed in the QAPP and those typical of a petroleum release, as noted in our research of the subject Property. The current version of the QAPP can be found on the SCDHEC website at: <http://www.scdhec.gov/Environment/LW/UST/ReleaseAssessmentClean-up/QualityAssurance/>.
- F&ME recommends that the User consider the “shelf life” of Phase I ESA documents in determining risk. ASTM E1527-13 states that a conforming “Phase I” report is valid for a period of 180 days, and may be updated during the 180 days to 1-year timeframe. The report is valid only for the User in any of the CERCLA defenses and only if it is updated within this time frame. If greater than one year passes from the final report date, the Phase I effort would need to be repeated to remain in compliance with ASTM and the “All Appropriate Inquiry” protections.

## 12. Deviations

Interviews with owners, operators and/or occupants were not conducted nor were the interior of the buildings assessed based on an agreed upon scope of work with the User.

## 13. References

ASTM E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM International, West Conshohocken, PA, 2013.

ASTM E1528-06, Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process, ASTM International, West Conshohocken, PA, 2006.

FEMA Flood Map Service Center, United States Department of Homeland Security, <http://msc.fema.gov/>.

National Wetlands Inventory Wetlands Mapper, United States Fish and Wildlife Service, <http://www.fws.gov/wetlands/Data/Mapper.html>.

EPA-560-F-05-242, Comparison of the Final All Appropriate Inquiries Standard and the ASTM E1527-00 Environmental Site Assessment Standard, United States Environmental Protection Agency, October 2005.

## 14. Signature of Environmental Professional

I declare that, to the best of my professional knowledge and belief, I meet the definition of an 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 site of the nature, history, and setting of the Property. I have developed and performed AAI in conformance with the standards and practices set forth in 40 CFR Part 312.



Rodney W. Wingard  
Environmental Manager

## 15. Qualifications of Environmental Professional

### Rodney W. Wingard

#### Environmental Manager

Previously with SCDHEC for 24 years, Rodney Wingard has direct experience with hazardous and radioactive waste permitting and corrective action. Most recently, he served as Manager of the Resource Conservation and Recovery Act (RCRA) Hazardous Waste Permitting and Corrective Action Section, which tracks hazardous wastes from the point of generation to disposal. As Manager, Mr. Wingard was responsible for directing and coordinating the statewide RCRA program for hazardous waste permitting and corrective action at operating commercial facilities. Through this experience, he developed excellent working relationships with those at the United States Environmental Protection Agency (EPA), as well as the different divisions within SCDHEC.

Mr. Wingard's recent project experience includes the following.

##### **1800 Gervais Street**

*Columbia, South Carolina*

Mr. Wingard, Senior Environmental Professional, completed a Phase I Environmental Site Assessment on 1800 Gervais Street, a mid-century structure for a property transaction for the University of South Carolina, Columbia, SC. The assessment consisted of records review, site reconnaissance, and report development.

##### **Kress Corner**

*Florence County, South Carolina*

Mr. Wingard, Senior Environmental Professional, completed a Phase I Environmental Site Assessment on Kress Corner, a turn of the century property being redeveloped in downtown Florence, SC. The assessment consisted of records review, site reconnaissance, and report development.

##### **SC 85 Replacement Bridges over S-995/NSR and S-2**

*Spartanburg County, South Carolina*

Mr. Wingard, Senior Environmental Professional, completed a Limited Phase I Environmental Site Assessment on 52 parcels for the proposed bridge replacements on SC 85. The assessment consisted of records review, site reconnaissance, and report development.

##### **US 15 Realignment at US 52**

*Darlington County, South Carolina*

Mr. Wingard, Senior Environmental Professional, performed a Limited Phase I Environmental Site Assessment on 18 parcels for the proposed intersection improvement on US 15 at US 52. The assessment consisted of records review, site reconnaissance, and report development.

##### **US 52 Replacement Bridge over Swift Creek**

*Darlington County, South Carolina*

Mr. Wingard, Senior Environmental Professional, completed a Limited Phase I Environmental Site Assessment on 9 parcels for the proposed bridge replacement on US 52 at Swift Creek. The assessment consisted of records review, site reconnaissance, and report development.

#### EXPERIENCE

F&ME: 2 years

Other: 26 years

#### EDUCATION

B.S. in Mechanical Engineering  
University of South Carolina  
(1990)

#### TRAINING

OSHA 40-Hour HAZWOPER

## Appendices

Appendix A - Site Vicinity Map

Appendix B - Site Plan

Appendix C - Site Photographs

Appendix D - Historical Research Documentation

Appendix E - Regulatory Records Documentation

Appendix F - Property Deeds

# Appendix A—Site Vicinity Map





0 3,000 6,000  
Feet

1 inch = 6,000 feet  
@ 8.5 x 11 inches

Projection: Lambert Conformal Conic  
State Plane South Carolina FIPS 3900 Intl Feet  
North American Datum of 1983

## Legend

— Study Area

**Figure 1**  
**Site Vicinity**

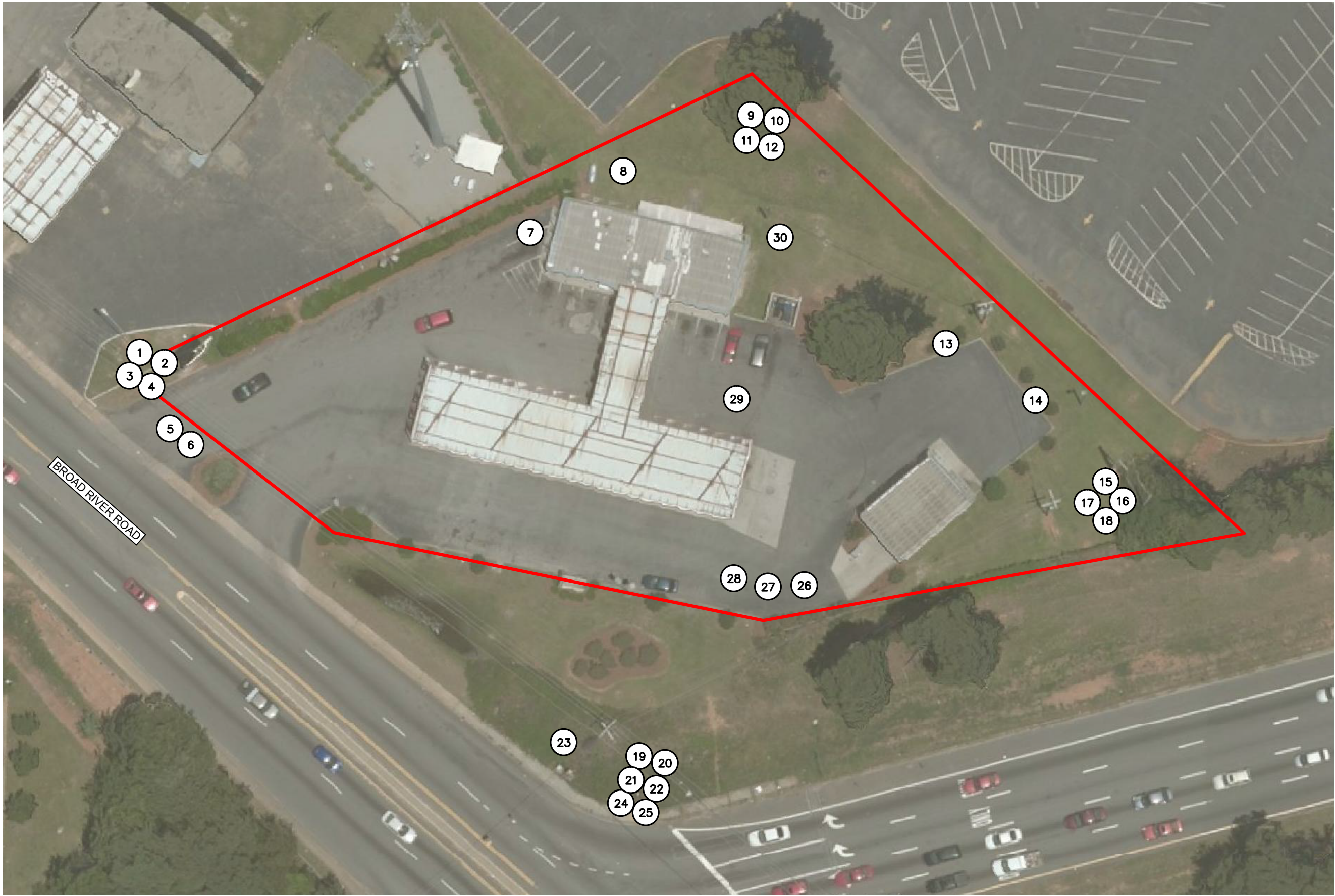
Richland County Tax Map #R07402-02-02  
2220 Broad River Road, Columbia, SC

06/2017

Sheet 1 of 1

# Appendix B—Site Plan





0 20 40  
Feet  
1 inch = 40 feet  
@ 11 x 17 inches  
Projection: Lambert Conformal Conic  
State Plane South Carolina FIPS 3900 Intl Feet  
North American Datum of 1983

- Legend**
- Site Boundary
  - Photograph Locations

**Figure 2**  
**Site Plan**  
Richland County Tax Map #R07402-02-02  
2220 Bush River Road, Columbia, SC



# Appendix C—Site Photographs



## Photograph 1



View from the west corner of the Property looking southeast at gas station on the Property.

1

## Photograph 2



View from the west corner of the Property looking southeast along Broad River Road.

2

## Photograph 3



View from the west  
corner of the  
Property looking  
southeast.

3

## Photograph 4



View from the west  
corner of the  
Property looking  
east.

4

## Photograph 5



View looking at adjoining property to the southwest of Property across Broad River Road.

5

## Photograph 6



View looking at adjoining property to the south of Property across Broad River Road.

6



## Photograph 7



View from the northeast corner of the Property looking west with noted monitoring well in photo.

7

## Photograph 8



View of propane tank and underground utilities located behind the gas station.

8

## Photograph 9



View from northwest corner of Property looking northwest. Cell phone tower noted on adjoining property to the right of photo.

9

## Photograph 10



View from northwest corner of the Property looking southwest.

10



## Photograph 11



View from  
northwest corner  
of the Property  
looking south.

11

## Photograph 12



View from  
northwest corner  
of the Property  
looking southeast.

12

## Photograph 13



View of pole-mounted electrical transformer located on the east side of the Property. Also, view of the adjoining property to the northeast.

13

## Photograph 14



View of former signage located at the southeast corner of the Property.

14



## Photograph 15



View from near the southeast corner of the Property looking northwest.

15

## Photograph 16



View from near the southeast corner of the Property looking west at carwash and gas station on the Property.

16

## Photograph 17



View of debris located in the southeast corner of the Property.

17

## Photograph 18



View from the southeast corner of the Property looking west.

18



## Photograph 19



View from the southwest corner of the Property looking east.

19

## Photograph 20



View from the southwest corner of the Property looking northeast.

20

## Photograph 21



View from the southwest corner of the Property looking north.

21

## Photograph 22



View from the southwest corner of the Property looking northwest along Broad River Road.

22



## Photograph 23



Evidence of underground utilities on the Property along Broad River Road.

23

## Photograph 24



View from the southwest corner of the Property looking southeast along Broad River Road.

24

## Photograph 25



View from the southwest corner of the Property looking across Broad River Road at adjoining property to the west.

25

## Photograph 26



View of the gas station's carwash located on the southeast side of the Property.

26

## Photograph 27



View of the gas station's underground storage tanks located on the southeast side of the Property.

27

## Photograph 28



View of the trash dumpster storage area located on the southeast side of the gas station.

28



## Photograph 29



Photo of  
monitoring wells on  
the Property.

29


## Photograph 30



Photo of CO<sub>2</sub> tank  
located on the east  
corner of the gas  
station.

30

# Appendix D—Historical Research Documentation



R07402-02-02

2220 Broad River Road columbia SC 29210-6730

Columbia, SC 29210

Inquiry Number: 4857343.26

February 17, 2017

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



## EDR Aerial Photo Decade Package

02/17/17

**Site Name:**

R07402-02-02  
2220 Broad River Road columb  
Columbia, SC 29210  
EDR Inquiry # 4857343.26

**Client Name:**

F&ME Consultants  
3112 Devine Street  
Columbia, SC 29205  
Contact: R. Wingard



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

### Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1999	1"=750'	Flight Date: February 13, 1999	USGS
1994	1"=500'	Acquisition Date: January 21, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: March 11, 1989	USGS
1983	1"=500'	Flight Date: March 03, 1983	USDA
1971	1"=500'	Flight Date: March 21, 1971	USGS
1966	1"=500'	Flight Date: February 19, 1966	USDA
1964	1"=500'	Flight Date: October 10, 1964	USGS
1955	1"=500'	Flight Date: April 01, 1955	USDA
1951	1"=500'	Flight Date: May 24, 1951	USDA
1943	1"=500'	Flight Date: April 29, 1943	USDA
1938	1"=500'	Flight Date: April 11, 1938	USDA

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INQUIRY #: 4857343.26

YEAR: 2011

— = 500'







INQUIRY #: 4857343.26

YEAR: 2009

— = 500'







INQUIRY #: 4857343.26

YEAR: 2006

— = 500'







INQUIRY #: 4857343.26

YEAR: 2005

— = 500'







INQUIRY #: 4857343.26

YEAR: 1999

— = 750'







INQUIRY #: 4857343.26

YEAR: 1994

— = 500'







INQUIRY #: 4857343.26

YEAR: 1989

— = 500'







INQUIRY #: 4857343.26

YEAR: 1983

— = 500'







INQUIRY #: 4857343.26

YEAR: 1971

— = 500'







INQUIRY #: 4857343.26

YEAR: 1966

— = 500'







INQUIRY #: 4857343.26

YEAR: 1964

— = 500'







INQUIRY #: 4857343.26

YEAR: 1955

— = 500'







INQUIRY #: 4857343.26

YEAR: 1951

— = 500'







INQUIRY #: 4857343.26

YEAR: 1943

— = 500'







INQUIRY #: 4857343.26

YEAR: 1938

— = 500'



**R07402-02-02**

2220 Broad River Road  
Columbia, SC 29210

Inquiry Number: 4857343.25  
February 22, 2017

## The EDR-City Directory Image Report

## TABLE OF CONTENTS

### **SECTION**

**Executive Summary**

**Findings**

**City Directory Images**

***Thank you for your business.***

Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1988	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1983	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1978	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory
1973	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory
1970	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory
1964	<input type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory
1952	<input type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory

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## FINDINGS

### TARGET PROPERTY STREET

2220 Broad River Roadcolumbia SC 29210-6730  
Columbia, SC 29210

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

### BROAD RIVER RD

2013	pg A1	Cole Information Services	
2008	pg A2	Cole Information Services	
2003	pg A3	Cole Information Services	
1999	pg A5	Cole Information Services	
1995	pg A6	Cole Information Services	
1992	pg A8	Cole Information Services	
1988	pg A10	Polk's City Directory	
1983	pg A11	Polk's City Directory	
1978	pg A12	Hill's City Directory	
1973	pg A13	Hill's City Directory	
1970	pg A14	Hill's City Directory	
1964	-	Hill's City Directory	Street not listed in Source
1952	-	Hill's City Directory	Street not listed in Source

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**



**BROAD RIVER RD 2013**

1900	DAVIS SALES & MANAGEMENT NEW ENERGY
1904	OCEANVIEW SEAFOOD RESTAURANT
1927	ATLANTIC SEAFOOD RESTAURANT
1928	TACO BELL
1929	CAROLINA TITLE LOANS
1931	NICKS GYROS & PHILLYS SAMMIS DELI
1935	SANDYS FAMOUS HOT DOGS
1939	ARBYS
2001	CHURCHS CHICKEN
2005	CROWN PRINCE DENTAL LAB
2007	FLYNN SEAN DMD
2104	KFC
2114	RACETRAC RACEWAY
2116	CAROLINA TITLE LOANS COMMUNITY LOANS OF AMERICA
2121	JIFFY LUBE
2123	AFFORDABLE DENTURES
2220	KENTS KORNER 21
2224	NORTH AMERICAN TITLE LOANS
2340	HOMEGOLD INC SILAGI DEVELOPMENT & MANAGEMENT IN
2341	RIMTYME
2344	APPLEBEES NEIGHBORHOOD GRILL & BAR
2345	WAFFLE HOUSE
2350	FIRST CITIZENS BANK
2355	AARONS
2419	BLOCKBUSTER
2420	CHEAP CHUCKS TIRE
2423	BOJANGLES
2426	MOYA PROFESSIONAL AFRICAN HAIR BRAID
2428	AAMCO TRANSMISSIONS & TOTAL CAR CARE
2503	SHERWINWILLIAMS PAINT STORE
2504	USA AUTO SALES

**BROAD RIVER RD 2008**

1900 CRESCENT LENDING LLC  
 DAVIS SALES & MANAGEMENT INC  
 INFINITY DIABETIC & MEDICAL SUPPLY  
 QUALITY CARPET & RESTORATION L  
 SCVAN  
 SOUTH CAROLINA VICTIM ASSISTANCE NET  
 1904 CAPTAIN TOMS SEAFOOD  
 1923 GBC INC  
 PRECISION TUNE  
 1927 MEXICAN RESTAURANT VENTURES  
 TACO BELL  
 1928 HOOTERS OF COLUMBIA  
 ROCKING ROOSTER  
 1929 PIZZA HUT INC  
 1935 SANDYS FAMOUS HOT DOGS  
 1939 ARBYS  
 ARBYS ROAST BEEF RESTAURANT  
 TREFZ & TREFZ INC  
 2007 COLUMBIA DENTAL ASSOCIATES LLC  
 JOSEPH MACK DDS  
 2009 GROUCHOS  
 2104 BARBATI ENTPS OF LOUISVILLE  
 KENTUCKY FRIED CHICKEN  
 2114 PARCH OF FLORENCE LLC  
 RACETRAC SERVICE STATION  
 RACEWAY 978  
 2116 CAROLINA PAYDAY LOANS  
 CAROLINA TITLE LOANS  
 COMMUNITY LOANS AMERICA INC  
 2121 SOUTH LUBES INC  
 2123 PIEDMONT DENTAL CENTER  
 2219 MONTERREY MEXICAN RESTAURANT  
 2220 GARVIN OIL CO INC  
 KENTS KORNER  
 2224 NORTH AMERICAN TITLE LOANS  
 2340 EMMCO THE MORTGAGE SERVICE  
 2341 ACE CASH EXPRESS INC  
 2344 APPLE J LLP  
 APPLEBEES NEIGHBORHOOD GRILL & BAR  
 2351 WAFFLE HOUSE  
 2353 CARPET SUPERSTORE  
 2419 BLOCKBUSTER INC  
 VIACOM  
 2420 CHEAP CHUCKS TIRE LLC  
 2423 BOJANGLES FAMOUS CHICKEN N BISCUIT  
 RMG FOODS LLC  
 2438 AAMCO TRANSMISSIONS  
 2503 SHERWIN WILLIAMS  
 2504 DBS II LLC  
 USA AUTO SALES



**BROAD RIVER RD 2003**

1900	BOBBY HUDSON CAROLINA CONSULTING LAB DAVIS SALES & MANAGEMENT INC KENNETH DENNIS MIDLAND BUILDING SYSTEMS SOUTH CAROLINA VICTIM ASSTNC TRANSPORT TRAINING TRI K ENTERTAINMENT SERVICES US SECURITY INC
1904	CAPTAIN TOMS INC OCCUPANT UNKNOWN
1923	PRECISION TUNE
1927	TACO BELL
1928	HOOTERS OF COLUMBIA OCCUPANT UNKNOWN
1931	OCCUPANT UNKNOWN TACO CID
2005	OCCUPANT UNKNOWN
2007	MACK JOSEPH S JR DR OCCUPANT UNKNOWN
2009	OCCUPANT UNKNOWN
2104	KFC
2114	RACEWAY 978
2116	CAROLINA TITLE LOANS
2121	JIFFY LUBE
2123	COLUMBIA DENTURE CTR
2219	MONTERREY MEXICAN RESTAURANT OCCUPANT UNKNOWN
2220	KENTS KORNER 21
2224	STEVEN WARE WARE HOUSE OF CARS INC WAREHOUSE OF CARS
2300	INTERTEC DATA SYSTEMS CORP
2340	HOMEGOLD FINANCIAL INC JORGE LEON
2341	ANTHONY CORLEY ENTERPRISES LLC CHAMPION AUTOMOTIVE SRVC CNTR OCCUPANT UNKNOWN
2344	OCCUPANT UNKNOWN URSCHELS TAX SERVICE
2350	FIRST CITIZENS BANK & TRUST CO OCCUPANT UNKNOWN
2351	WAFFLE HOUSE INC
2353	DIXIE UPHOLSTERY CO NEVIN BROOMES CARPET SPRSTR OCCUPANT UNKNOWN
2420	NORTH AMERICAN TITLE LOANS OCCUPANT UNKNOWN
2423	BOJANGLES FAMOUS CHCKN BSCT
2425	BROAD RIVER MOTORS

**BROAD RIVER RD****2003****(Cont'd)**

2426	CASH ADVANCE
	EVERETT BROCKINGTON
	WIRELESS SERVICES OF AMERICA
2428	OCCUPANT UNKNOWN
2503	OCCUPANT UNKNOWN
2504	OCCUPANT UNKNOWN
	USA AUTO SALES



**BROAD RIVER RD 1999**

1900 ALTERNATIVE HAIR CLINIC AHC  
 CAROLINA CONSULTING LABORATORIES  
 DENNIS KENNETH W RC  
 HUDSON SALES COMPANY  
 KENNETH DENNIS  
 OLIVETTI NORTH AMERICA  
 PALACE PERSONNEL SERVICES INCORPORATED  
 SCOTT BEARD  
 SOUTH CAROLINA VICTIM ASSISTANCE NETWORK  
 1904 CAPTAIN TOMS SEAFOOD  
 1923 PRECISION TUNE  
 1927 TACO BELL  
 1928 HOOTERS OF COLUMBIA  
 1929 PIZZA HUT  
 1931 TACO CID  
 1935 SANDYS FAMOUS HOT DOGS  
 1939 ARBYS ROAST BEEF RESTAURANT  
 2001 CHURCHS CHICKEN  
 2005 CROWN PRINCE DENTAL LABORATORY  
 2007 MACK FRANKLIN  
 MAJOR THOMAS M DMD  
 2009 MATTRESS CITY 2000  
 2104 KENTUCKY FRIED CHICKEN  
 KFC  
 2114 RACETRAC SERVICE STATION  
 2116 CAROLINA TITLE LOANS  
 2121 Q LUBE  
 2123 COLUMBIA DENTURE CENTER  
 2219 MONTERREY MEXICAN RESTAURANT  
 2340 APAC TELESERVICES INCORPORATED  
 2341 GUARDIAN TIRE & SERVICE  
 2344 APPLEBEES NEIGHBORHOOD GRILL & BAR  
 2350 FIRST CITIZENS BANK  
 2351 WAFFLE HOUSE INCORPORATED  
 2353 MCKAYS INSULATION SERVICE  
 NEVIN BROOMES CARPET SUPERSTORE  
 2355 ST ANDREWS ATHLETIC/AEROBICS & FITNESS  
 2419 BLOCKBUSTER VIDEO  
 2420 B & B DIAMOND JEWELERS  
 2423 BOJANGLES FAMOUS CHICKEN N BISCUITS  
 BOLANGLES FAMOUS CHICKEN N BISCUITS  
 2426 BROAD RIVER COLLECTIBLES  
 QUICK CASH CHECK CASHING INCORPORATED  
 2428 AAMCO TRANSMISSIONS  
 2503 SHERWIN WILLIAMS COMPANY  
 2504 TREASURES

**BROAD RIVER RD 1995**

1900 3 R INC  
 ACCUCOUNT SERVICES INC  
 ASSOCIATED THERAPY & COUNSELING SVCS  
 BRENNAN MARY DR PHD  
 BRENNAN, MARY  
 CAROLINA NEUROMUSCULAR & ASSOC  
 CITIZENS ADVOCATING DECENCY  
 COLUMBIA POST ABORTION MNSTRY  
 DAVIS CO  
 DIAL, MICHAEL B  
 DICK BOYLE  
 HUDSON SALES CO  
 INDEPENDENT CLAIMS SVC  
 MANGUM INSURANCE CO  
 MAURICES  
 MC INTYRE & CO  
 PALACE PERSONNEL SVC  
 PERSONAL PENSION PLANS  
 PRINCE, PAUL M  
 SOUTHEASTERN APPAREL MFR ASSN  
 SPECIALIZED ALTERNATIVES YOUTH  
 WALDROP MURDOCK ADVERTISING  
 1904 CAPTAIN TOMS SEAFOOD  
 1923 PRECISION TUNE  
 1927 TACO BELL  
 1928 HOOTERS RESTAURANT  
 TAYLOR, TROY A  
 1929 PIZZA HUT  
 1931 TACO CID  
 1935 CHAPPYS RESTAURANT  
 1939 ARBYS  
 2001 CHURCHS FRIED CHICKEN  
 2005 CROWN PRINCE DENTAL LAB  
 2007 JOSEPH S MACK JR DDS  
 2009 MATTRESS & WATERBED DISCOUNTER  
 2104 KFC CORP  
 2114 RACETRAC SERVICE STA  
 2116 AUTO CONSULTANTS  
 U HAUL CO  
 U-HAUL CO INDEPENDENT DEALER  
 2121 MC QUIKS OILUBE  
 2219 MONTERREY MEXICAN RESTAURANT  
 2220 BROAD RIVER EXXON  
 2340 HOME QUARTERS WAREHOUSE  
 2341 GUARDIAN TIRE & SVC  
 2344 APPLEBEES NEIGHBORHOOD GRILL  
 2350 FIRST CITIZENS BANK & TRUST CO  
 2351 WAFFLE HOUSE  
 2353 MC KAYS INSULATION SVC  
 NEVIN BROOMES SUPERSTORE



**BROAD RIVER RD****1995****(Cont'd)**

2355	BAREWOOD UNFINISHED FURNITURE
2416	NATIONAL PRIDE CAR WASH
2419	BLOCKBUSTER VIDEO
2420	B & B DIAMOND JEWELERS
2423	BOJANGLES RESTAURANTS INC
2426	SPIRITS & SUCH
2428	AAMCO TRANSMISSIONS
2503	SHERWIN WILLIAMS CO
2504	RIVERSIDE FARMERS MARKET

**BROAD RIVER RD 1992**

1900 A CREATIVE RESUME SERVICE  
 ACCUCOUNT SVCS INC  
 ADVANCED COMPUTER SYSTEMS  
 CADRE  
 CITIZENS ADVOCATING DECENCY & THE  
 COLLATERAL ADJUSTMENT  
 D & B ENTERPRISES  
 DASHOW GROUP EDUCTNL ASSISTANCE  
 HUDSON SALES CO  
 INPHOTO  
 INSTITUTION FOOD HSE  
 J THOMAS & COMPANY  
 MAURICE'S INC  
 METROPOLITAN MARKETING GROUP  
 PRINCE PAUL M RL EST  
 PRINCE W B CO RL EST  
 RAINBOW AUTHORIZED DISTRIBUTORS  
 RAINBOW SYSTEMS  
 S C NEEDLE TRADES ASSOCIATION  
 STOP SMOKING CNTR  
 STRONG BOB & ASSOCS INCORPORATED  
 1923 PRECISION TUNE  
 1927 TACO BELL  
 1928 HOOTER'S RESTAURANT  
 1929 PIZZA HUT  
 1931 TACO CID  
 1935 CEDRIC'S FISH & CHIPS  
 CHAPPY'S FISH & CHIPS  
 1939 ARBY'S ROAST BEEF RESTAURANT  
 2001 CHURCH'S FRIED CHICKEN INC  
 2005 PROFESSIONAL CARPET SYSTEMS  
 2007 MACK JOS S JR DR DNST  
 MAJOR THOMAS M DMD  
 2009 MATTRESS & WATERBED DISCOUNTERS  
 2104 PIZZA INN DUTCH SQ  
 2114 RACETRAC SVC STATION  
 2121 MCQUIK'S OILUBE  
 2219 MONTERREY MEXICAN RESTAURANT  
 2220 BROAD RIVER EXXON  
 2224 PORT OIL INC #88  
 PORT OIL INC NO 288  
 2300 HERMAN'S WORLD OF SPORTING GOODS  
 2340 H Q  
 HOME QUARTERS WAREHSE  
 PHAR-MOR PHARMACY  
 PHAR-MOR STORE  
 2341 GUARDIAN TIRE & SVC  
 2344 APPLEBEE'S NGHBRHD GRILL & BAR  
 2350 FIRST CITIZENS BANK ST ANDREWS BR OFFICE  
 2351 WAFFLE HOUSE INC

## BROAD RIVER RD

1992

(Cont'd)

2353	BROOME NEVIN SUPERSTORE
	MCKAY'S INSULATION SERVICE
	NEVIN BROOME'S WALLPAPER FOR
	WALLPAPERS FOR COLUMBIA
2355	GOODWOOD UNFINISHED FURNITURE
2416	NATIONAL PRIDE CAR WASH
2419	BLOCKBUSTER VIDEO
2420	BUDGET MATTRESS CNTR
2423	BOJANGLES FAMOUS CHICKEN'N BISCUITS
2425	FRENCH CAR-NECTION
2426	SPIRITS & SUCH
2428	AAMCO TRANSMSNS
2503	COLUMBIA APPLNC & SVC
2504	RIVERSIDE FARMERS MKT



## BROAD RIVER RD 1988

## BROAD RIVER RD-Contd

- 1600 Book Dispensary The 798-4739  
 1601 Dems House Of Diamonds & Fine Jewelry Inc 772-2095  
 1603 Kentucky Finance Co Inc loans 798-2920  
 1605 Sun Health Foods 772-0135  
 1607 Rainbow Cleaners & Laundry 772-9849  
 1609 Sun Room The tanning salon 798-0022  
 1613 Diamond's Grill 772-7543  
 Saint Andrews Pharmacy 772-2456  
 1617 Bel-Air Barber Shop 772-1899  
 1619 Styles So Natural beauty shop 798-1183  
 1620 Ethel's Fashions 798-1881  
 Ethel's Imprinted Sportswear screen printing 798-1899  
 1621 Ronnies Men Shop ret clo 798-0390  
 1623 Naked Furniture 798-7300  
 1624 Car Tunes radio equip sis & serv 772-9021  
 Compact Disc Unlimited record shop 772-5535  
 Sun Your Buns tanning salons 798-9116  
 Sign It Quick jwly ret 731-2001  
 1625½ Dutch Door Hobby Shop 798-3773  
 1627 Barnette's Wallcovering 772-5444  
 1627½ Duane's Hallmark Cards & Gift Shop 772-2624  
 1629 Commercial Credit Corp 772-9230  
 1629½ American Speedy Printing Centers 798-0098  
 Boss Graphics adv 772-3240  
 1631 Sally Beauty Supply 798-6242  
 1631½ Folline Vision Centers 772-9229  
 1632 Moseley's Diamond Showcase 798-6002  
 1633 First Federal Savings & Loan 251-3140  
 1633½ First Federal Savings & Loan (auto teller)  
 1655 Saint Andrews Chiropractic Clinic 772-8680  
 1714 Lux Hess Service Station 798-5268  
 1715 Westminster Presbyterian Church The 772-1338  
 1718 Burnette's Cleaners 772-8214  
 1720 River Center shopping mall 772-7151  
 H & R Block income tax ser 772-4022  
 1722 Color Tile bldg matls & sups 772-0460  
 Country's Best Yogurt The ice cream & frozen desserts 798-4972  
 Finance South loans-mtge 798-8306  
 P I P Printing No 1203 prntrs-book & coml 731-5578  
 Steve's Deli delicatessen 731-0886  
 1724 H Rubin Vision Center corporate ofcs 772-7151  
 Page South beepers 798-8833  
 G Opsahl Robert archt 772-5336  
 1725 Shrimper The restr 798-3032  
 1729 Mc Donald's Hamburgers 772-8798  
 1730 Shuler's Kenneth School Of Hairstyling 772-6042  
 1732 Riverside Flower & Gift Shop 772-5700  
 1804 Wolfe John S @ 772-1804  
 1812 Vacant  
 1820 Shealy Lynn W @ 772-1350  
 1824 Grandy's Country Cookin restr 798-0801  
 BAKERSFIELD RD BEGINS  
 1840 Vacant  
 1900 Office Building  
 Floors  
 1900 Thomas J & Company comp servs 798-6620  
 1st Fl Graham Paragon Builders Inc 772-6060  
 1st Fl Dashow Associates consultants 772-6399  
 1st Fl Stop Smoking Center 772-7763  
 1st Fl South Carolina Needle Trades Assn 772-5861  
 101 Phoenix Personnel 772-3921  
 Cadre nonprofit anti child abuse org 798-5299  
 Hudson Co mfgs rep 772-2771  
 Suites  
 102 M A D D org-misc 798-5299  
 109 Maurice's Inc 772-7997  
 200 S C Tennis Association private tennis ct 731-2902  
 200 U S A Training Academy tractor trlr driving sch 731-2027  
 B5 Lingle Associates fire alarm sys 798-7366  
 Institution Food House food prod-brokers Titan Corp  
 1904 Western Sizzlin Steak House 772-8400  
 1923 Precision Tune auto repairs 798-2902  
 1927 Taco Bell 798-8397  
 1928 Kettle Restaurant 798-6395  
 1929 Pizza Hut No 4 772-6262  
 1931 Taco Cid restr 772-6263  
 1935 Chappy's Fish & Chips 798-3474  
 1939 Arby's Roast Beef Restaurant 798-0627  
 2001 Church's Fried Chicken 798-3133  
 2005 Doc's Jewelry Bar 798-0290  
 2007 Mack Joseph S Jr dentist 772-1548  
 2009 Tadlock Piano & Organ Distributor 772-4548  
 2104 Pizza Inn 798-6100  
 2114 Racetrac Self Service Station 731-9755  
 2116 Vacant  
 2121 Mc Quik's Oilube auto repr 772-3721  
 2123 Robertson's Gulf Service 772-9867  
 157  
 I-20 INTERSECTS  
 2219 Monterrey 798-9055  
 Quality Inn Motel 772-0270  
 2220 Broad River Exxon gas sta 798-2301  
 2224 Port No 288 gas-grocery 798-0358  
 2300 H Q Warehouse 798-4317  
 Hermans World Of Sporting Goods 731-5672  
 2340 Phar-Mor drugs-ret 731-0377  
 2341 Guardian Tire 798-1955  
 2344 Applebee's grill & lounge 731-2853  
 2350 First Citizens Bank 798-4500  
 2351 Big Lots discount liquidate 772-0331  
 Waffle House The 798-0591  
 2355 Good Wood Unfinished Furniture ret 798-6440  
 MARLEY DR BEGINS  
 2416 National Pride Car Wash 772-8341  
 2420 Mattress Place The 798-4350  
 2423 Bojangles Famous Chicken 'n Biscuits restr 731-4977  
 2426 Party Pooper The beer 772-9540  
 2428 Aamco Automatic Transmissions auto repr 798-6130  
 NUNAMAKER DR BEGINS  
 2501 Maurice's Barbeque  
 2503 Columbia Appliance & Service 772-6133  
 2505 Constan car wash 798-5556  
 2508 Riverside Market produce mkt  
 2515 Hawley's Bicycle World 798-2020  
 2520 Nunamaker Jeannette S Mrs @ 772-2542  
 YOUNG DR BEGINS  
 SEMINOLE RD BEGINS  
 2601 Brunswick Capitol Lanes 798-2444  
 2624 Gulf B P Oil gas sta 772-9147  
 2628 American Red Cross blood service 798-4621  
 2636 Vacant  
 2639 Kimco Rentals 798-7550  
 Smoak's Wheel Alignment & Brakes reprs 772-6712  
 St Andrews Radiator Service 798-3119  
 Craftmaster Body Shop 798-4261  
 Ron's Auto repr 798-3330  
 2640 Rush's Hamburgers 772-2393  
 RUSHMORE DR INTERSECTS  
 2700 Rose-Talbert Paint Co Inc 798-7157  
 Heavenly Ham meat ret 731-4267  
 Arnold Thrift Store baked gds ret 798-3976  
 Bryan's Clnrs 798-0167  
 2700a Bums & Bummers casual clo 798-4100  
 2700b Video Station The 798-7585  
 2700c Shamrock Haircutters 798-8048  
 2700d Tom's Party Shop 772-5420  
 2700e Subway restr 772-7971  
 2700f Havens Frame-It-Yourself 772-3785  
 2700g Creative Florist 772-2562  
 2700h Total Image diet cntr 798-9043  
 2701 Craft Auto Mart 798-1932  
 Trade Cntr wholesale broker used cars 798-1932  
 2702 Bits-N-Pieces fabric shop 798-1422  
 2707 Winchester James B @ 798-4124  
 2719 Economy TV & Appliance 772-1880  
 Burgess Sandra C court reporter 772-6686  
 2725 Elegant Tailoring & Alterations clo 772-2889  
 INLAND DR BEGINS  
 2730 Under Constn  
 2739 One More Time used  
 George's Book Exchange book store & exchange  
 2740 Gantt Henry B @ 772-0527  
 2803 Taylor James W 772-2549  
 2804 Norton Stereo ret 731-9653  
 ★Norton Larry  
 2819 Vacant  
 2820 Boyle Leasing Of Cola 772-2776  
 FARRINGTON WAY INTERSECTS  
 2823 Aughtry C Dennis atty 798-6900  
 North Joe R 772-0081  
 Taylor David E lwyr 798-3440  
 2827 Younginer Walter S @ 772-3300  
 2831 Roberts Music Center rentals & sale mus libr 772-5400  
 2832 Colonial Storage Center 798-5128  
 Browder Nell 798-5128  
 2837 Pantry The gro 731-5009  
 2839 Schoony's Cleaners 772-0241  
 ZIMALCREST DR ENDS  
 ST ANDREWS PARKWAY INTERSECTS  
 WHITEFORD RD INTERSECTS  
 2901 Jiffy Lube auto repairing 798-9000  
 2916 Coachmen Camping Cntr 798-3259  
 2918 Kut-Rate Fashions 772-5057  
 2951 R & R Motors 731-9413  
 2956 Kut-Rate Fashions (main ofc & whse) 772-9335  
 WHITEFORD RD BEGINS  
 3001 Ballistic Center The gun shop 798-4791



# BROAD RIVER RD 1983

## BROAD RIVER RD—Contd

1599 Photo Village 798-7900  
 1600 Book Dispensary The 798-4739  
 1601 Dams House Of Diamonds & Fine Jewelry Inc 772-2095  
 1603 Beneficial Finance Co Of South Caroline 798-6050  
 1605 Microwave Center The 772-1725  
 1607 Rainbow Cleaners & Laundry 772-9849  
 1609 Moonlight Lingerie & Home Parties 772-7979  
 1613 Angelo's Luncheonette restr 772-7543  
 Saint Andrews Pharmacy 772-2456  
 South Carolina Electric & Gas Co 748-3000  
 1617 Bel-Air Barber Shop 772-1899  
 1619 Styles So Natural 798-1183  
 1620 Ethel's Fashions 798-1881  
 1621 Economy T V & Appliances 772-1880  
 1623 Bargain Bin Clothes Outlet 798-1944  
 1624 Car Tunes 772-9021  
 1627 Barnette's Wallcovering (Overflow)  
 1629 Commercial Credit 772-9230  
 1631 Carolina Outdoorsman  
 1631 1/2 Gosnell Vision Co 772-9229  
 1632 Moseley Diamond Showcase 798-6002  
 1633 South Carolina National Bank Exec Ofcs 765-3692  
 Sally Beauty Supply  
 1635 Vacant  
 1655 St Andrews Chiropractic Clinic 772-8680  
 1714 Lux Hess Service Station 798-5268  
 1715 Westminster Presbyterian Church 772-1338  
 1718 Smith Robt L @ 772-2189  
 1722 S E J Jewelry 772-7925  
 Jarrett Steve E 772-7925  
 1725 Shrimper The restr 798-3032  
 1729 Mc Donald's Hamburgers 772-8798  
 1730 Shuler's Kenneth School Of Hairstyling 772-6042  
 1732 Riverside Flower & Gift Shop 772-5700  
 1804 Wolfe John S @ 772-1804  
 1812 Southwind Pools Inc 798-4029  
 1820 Shealy Lynn W @ 772-1350  
**BAKERSFIELD RD BEGINS**  
 1824 Vacant  
 1840 Vacant  
 1900 Office Building  
 Floors  
 Lower Fl Tri-Wood Products claims ofc 798-1347  
 Lower Fl Major Business Machine Inc 798-4115  
 Lower Fl Derrick James H acct 798-0220  
 Lower Fl Robeal Management (Steak Hse Ofc) 798-0062  
 Lower Fl Washington Inventory Services 798-5939  
 1st Fl Examination Management Services 772-1571  
 1st Fl Stop Smoking Center 772-7763  
 1st Fl Saint Andrews Secretarial Services 798-3277  
 1st Fl Mann Thomas C lwyr 798-1772  
 1st Fl Alber M L Associates emp agcy 794-5480  
 2d Fl Smithkline Clinical Labys 798-6297  
 2d Fl South Carolina Needle Trades Assn 772-5861  
 200 Freeman Region consultants  
 400 Moore Region  
 1902 Western Sizzlin Steak House 772-8400  
 1923 Precision Tune auto repairs 798-2902  
 1927 Taco Bell 798-8397  
 1928 Kettle Restaurant 798-6395  
 1929 Pizza Hut No 4 772-6262  
 1931 Taco Cid mexican eatery 772-6263  
 1935 Chappy's Fish & Chips 798-3474  
 1939 Arby's Roast Beef Restaurant 798-0627  
 2001 Church's Fried Chicken 798-3133  
 2005 Diet Center 798-3438  
 2007 Mack Joseph S Jr dentist 772-1548  
 2104 Pizza Inn 798-6100  
 2114 Racetrac Petro Self Service Station  
 2116 Sheppard's Texaco Service 772-9981  
 2121 Quick Mart  
 2123 Robertson's Gulf Service 772-9867

## 1-20 INTERSECTS

2219 Brandi's Restr & Lounge 798-4789  
 2220 Shealy's Exxon Station 772-2078  
 2224 Time Saver No 7  
 2300 Intertec 798-9100  
 2341 Retco Tire Store 772-1542  
 2350 First Citizens Bank 798-4500  
 2351 Palmetto Home Centers & Hardware Stores 772-8350  
 Waffle House The 798-0591  
**MARLEY DR BEGINS**  
 2416 National Pride Car Wash  
 2420 Mattress Place The 798-4350  
 2421 Vacant  
 2423 Richland Motor Co 798-5893  
 2426 Party Pooper The beer 772-9540  
 2428 Aamco Automatic Transmissions 798-6130

## NUNAMAKER DR BEGINS

2503 Vacant  
 2505 Constan car wash 798-5556  
 2508 Leaf 'n Petal St Andrews nurserymen 798-9320  
 2516 Mc Cormack Shirley D  
 2520 Nunamaker Jeannette S Mrs @ 772-2542  
**YOUNG DR BEGINS**  
**SEMINOLE RD BEGINS**  
 2601 Brunswick Capitol Lanes 798-2444  
 2624 Market Express No 703 798-9972  
 2628 Rish-Kiser & Assocs Inc real est sls 772-1870  
 2832 Colonial Storage Center 798-5128  
 2636 Marsh Sasnett & Cross P A dentist 252-7725  
 2639 Gene's Recaps  
 Dixie Auto Parts 772-6358  
 Spells Auto Repairs  
 St Andrews Radiator Serv  
 Ed's Used Cars 772-7822  
 Daniels Bill Automotive Body Shop  
 Astro Auto Electric 798-1907  
 2640 Rush's Hamburgers 772-2393  
**RUSHMORE DR INTERSECTS**  
 2700 Creative Florist 772-2562  
 2702 Vacant  
 2707 Winchester James B @ 798-4124  
 2719 Auto Parts World 798-1995  
 2720 Shag's private club  
 2725 Baby Boutique childrens consignment shop  
**INLAND DR BEGINS**  
 2730 Doll Gallery  
 2739 Impressives Ltd 798-0920  
 2740 Gantt Henry B @ 772-0527  
 2803 George's Book Exchange 772-6728  
 2804 Huffman Myrtle S Mrs @ 772-0533  
 2819 Directions Hair Reconstruction & Reformation Cntr 798-7225  
 2820 Huffman Ersell W @ 772-1996  
 2822 Vacant  
**FARRINGTON WAY INTERSECTS**  
 2823 Ballentine Robt A @ 772-1448  
 2827 Younginer Walter S @ 772-3300  
 2830 Montessori College Of Early Learning 772-3317  
 2831 Mitchell Music Co 772-5400  
 2832 Colonial Storage Co 798-5128  
 ★Holley J H 772-8845  
 2837 Pantry The gro 772-9734  
 2839 Schoony's Sixty Minute Cleaners 772-0241  
**ZIMALCREST DR ENDS**  
**ST ANDREWS PARKWAY INTERSECTS**  
**WHITEFORD RD INTERSECTS**  
 2901 Jiffy Lube auto repairing 798-9000  
 2916 No Return  
 2918 Kut-Rate Fashions 772-5057  
 2944 Vacant  
 2948 Kut-Rate Fashions (Whse)  
 2956 Kut-Rate Fashions (main ofc & whse) 772-9335  
 Borecki Paul P @  
**WHITEFORD RD BEGINS**  
 3004 Sav-A-Ton Inc 731-9645  
 3005 Spa Lady-Spa Fitness 731-0040  
 3011 Kinder-Care Learning Centers In 772-0517  
 3035 Herb's Game Room 772-9866  
 3039 Herb's Grill 772-9866  
 Sieple Herbert @

## ST ANDREWS RD ENDS

3100 Food Lion 772-3350  
 Dail Larry E chiropractor 772-6772  
 3102 Jewelry Warehouse 772-1470  
 Fashion Outlet 798-5846  
 3104 Arnold's Dry Cleaners 772-3420  
 3106 State Farm Insurance Co 772-5554  
 3108 Hairdresser The 772-5922  
 3120 Milligan Jesse @ 772-3424  
 3123 Slice John B @ 772-3594  
 3125 Murphy Thos M 772-2267  
 3128 Palmetto Oil Equipment Co 772-5785  
 3136 Addy Gloria H Mrs @ 772-3411  
 3136a Vacant  
 3136b Branhan Harvey  
 3137 Carr Terry @  
 3138 Lawn Barber's Shop Inc 798-8545  
 3200 State Dept Youth Servs rept & evaluation cntr 758-6767  
 3201 Huffstetler Robt @ 772-3496  
 3207 Huffstetler Ruth T Mrs @ 772-3385  
 3208 Shenandoah Group Home (Dept Youth Servs) 758-6006  
 3211 Amick O La Nair @ 772-5519  
 3212 Shenandoah Community Hse  
 3224 Davis Norman E 772-4789  
**SHIVERS RD BEGINS**  
 3315 Widewater Square shopping cntr  
 Mc Q's Deli & Pub 798-1836  
 Laundry Room The 731-9229  
 Spa Lady Fitness Center 798-7344  
 Robo's game rm 798-9268  
 Blazer Financial Services 798-6150

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## BROAD RIVER RD 1978

**BROAD RIVER RD—Contd**

- 1st Fl Rudd Clyde & Associates data processing sups 772-9300  
1st Fl Alber M L Associates emp agcy 794-5480  
2d Fl Gaddy R M Consulting Engineer 772-4683  
2d Fl South Carolina Needle Trades Assn 772-5861  
2d Fl Mc Gee Ted O Realtor 772-9350  
A & B Foods Inc  
1902 Western Sizzlin Steak House 772-8400  
1910 Sambo's Restaurant  
1929 Pizza Hut No 4 772-6262  
1931 Taco Cid 772-6263  
1935 Cedric's Fish N' Chip's 772-3735  
2001 Arby's Roast Beef Restaurant 798-0627  
2005 State Farm Insurance 772-0137  
2007 Mack Joseph S Jr dentist 772-1548  
2009 Church's Fried Chicken  
2104 Pizza Inn 798-6100  
2114 Vacant  
2116 Sheppard's Texaco Service 772-9981  
2121 Mobil Oil Corp 772-3226  
2123 Robertson's Gulf Service 772-9867
- I-20 INTERSECTS**  
2220 Shealy's Exxon 772-2078  
2224 Mack's Shell Station 772-4137  
2340 First Citizens Bank & Trust Co Of S C 798-4500  
2341 American Tire Co Inc 772-3115  
2351 Palmetto Home Center & Hdw Stores 772-8350  
Waffle House The 798-0591
- MARLEY DR BEGINS**  
2412 Co-Jac Enterprises clo 798-5303  
2416 Libbarossi florist 772-9445  
2418 Vacant  
2420 Big Joe Amusement Center  
2421 Furniture Stores (Whse)  
House Of Unfinished Furniture 772-5347  
2426 Party Pooper The 772-9540
- NUNAMAKER DR BEGINS**  
2503 Lattimore H Thacker © 772-0343  
2504 Vacant  
2505 Constan 798-5556  
2508 Pottery Haven  
2515 Vacant  
2516 Gregory Henry A 772-5824  
2520 Nunamaker Jeannette S Mrs © 772-2542  
2530 Vacant
- YOUNG DR BEGINS**  
**SEMINOLE RD BEGINS**  
2601 Brunswick Capitol Lanes 798-2444  
2628 Ashley Alice W Mrs © 772-2460  
2636 Vacant  
2639 Autry's Amoco 772-9738  
Dixie Auto Parts 772-6358  
Opal Oil Co No 23 gas sta 772-6358  
Strobel Tire Store 772-7730  
2640 Rush's Hamburgers 772-2393
- RUSHMORE DR INTERSECTS**  
2700 Majik Market Food Stores Inc 772-9812  
2702 Vacant  
2707 Winchester James B © 798-4124  
2719 Southland Oil Co 62 gas sta 772-9958  
★McCarthy Floyd  
2720 Fay's Place night club  
2725 House Of Notes  
**INLAND DR BEGINS**  
2730 Vacant
- 2739 Shirt Stop The Builders Hardware Inc 798-2500  
2739½ Biggs Guns 798-6626  
2740 Gantt Henry B © 772-0527  
2803 Taylor James W © 772-2549  
2804 Huffman Myrtle S Mrs © 772-0533  
2819 American Building & Remodeling 772-8101  
2820 Huffman Ersell W © 772-1996  
2823 Ballentine Robt A © 772-1448  
2827 Younginer Walter S © 772-3300  
2830 Mc Entire John T 772-9333  
2831 Mitchell Music Co 772-5400  
2832 Mc Entire Hanes A © 772-3834  
2837 Caper House Food Store 772-9734  
2839 Schoony's Sixty Minute Cleaners 772-0241
- ZIMALCREST DR ENDS**  
**ST ANDREWS PARKWAY INTERSECTS**  
2900 Kut-Rate Fashions 772-9335  
2916 Byars Vivian J Mrs © 772-3101  
2948 Buff Willie R © 772-3432  
2956 State Farm Insurance 772-5554
- WHITEFORD RD BEGINS**  
3011 Mini Skool 798-1290  
3035 House Of Ceramics  
3036 Wessinger Jesse B Jr © 772-3803  
3036½ Skinner Aubrey W  
3038 Wessinger Jesse B © 772-3517  
3039 Herb's Grill restr 772-9866  
Sipple Herbert ©  
3040 Miller Thos F © 772-3760
- ST ANDREWS RD ENDS**  
3100 Big Star gros 772-2208  
Dail Larry E chiro 772-6772  
3102 Central Drug Co Inc 772-2211  
3104 Arnold's Dry Cleaners 772-3420  
3106 Arnolds' Coin Laundry  
3108 Vacant  
3120 Milligan Jesse © 772-3424  
3123 Slice John B © 772-3594  
3125 Fellers Douglas E  
3136 Addy Leon C © 772-3411  
3136½ Addy Randy  
3128 Palmetto Oil Equipment Co 772-5785  
3137★Shealy Allan © 772-7642  
3200 Richards John G School For Boys 758-6474  
Davis Norman E 772-4789  
3201 Huffstetler Eula A © 772-4148  
3207 Huffstetler Wm M © 772-3385  
3208 Decell Grady A © 772-3985  
3211 Amick O La Nair © 772-5519  
3212 Potts Joe W 772-4626  
3217 Vacant  
3225 Vacant
- SHIVERS RD BEGINS**  
3315 Tidewater Square  
Fashion World Inc clo  
Four Seasons clo  
C & S Leasing furn rental  
Bow Wow Boutique  
Gwen's Stylon  
St Mart  
Revco Drug Center  
3315b Bilo Sixty-Four 772-2798  
3315 Pic 'n Pay Shoes 798-4280  
Dodds 5 & 10  
3319 Meetze Clayton J © 772-0141
- METZE RD BEGINS**  
3324 Bowdler Gordon E  
3401 Eargle H B © 772-4262  
3415 National Stor-All Mini Warehouses 798-2598  
3427 Thomas Wm R © 772-5568  
3439 Douglass Will A © 772-2321  
3440 Monts W Lightsey © 772-1529



## BROAD RIVER RD 1973

48

1633 South Carolina National Bank The 765-3692	2720 Muldrow's Dining Room 772-0367 2725 Vacant
1655 Saint Andrews Chiropractic Clinic 772-8680	INLAND DR BEGINS
1714 Lux Hess Serv Sta 772-9960	2730 Hoyt Maggie H Mrs @
1715 Westminster Presbyterian Church 772-1338	2739 Beer Barrel
1718 Smith Robt L @ 772-2189	Palmetto Oil Equipment Co 772-5277
1722 Vacant	2740 Gantt Henry B @ 772-0527
1725 Bar-B-Q-Pit 772-8406	2803 Taylor James W @ 772-2549
1729 Mc Donald's Hamburgers 772-8798	2804 Huffman Myrtle S Mrs @ 772-0533
1730 Capitol Barber College 772-9477	2819★Robinson Carroll L Rev 772-8041
1732 Riverside Flower Shop 772-5700	2820 Huffman Ersell W @ 772-1996
1804 Wolfe John S @ 772-1804	2823 Ballentine Robt A @ 772-1448
1812 Jennings Wm E Jr @ 772-0344	2827 Younginer Walter S @ 772-3300
1820 Shealy Lynn W @ 772-1350	2828★Duffie Wm D 772-1793
BAKERSFIELD RD BEGINS	2830 Mc Entire Contractors Inc 772-0682
1823 Vacant	Mc Entire John T @ 772-3933
1824 Saint Andrews Lumber Co Inc 772-1194	Mc Entire Lessie Y Mrs 772-3935
Dutch Brook Realty 772-1195	2831 Mitchell Piano Co Inc 772-5400
Ducker & Bell heating & air cond 772-8505	2832 Mc Entire Hanes A @ 772-3834
1840 Fulmer Annie B Mrs @ 772-0592	2839 Powers Sixty Minute Cleaners 772-5628
1908 Vacant	ZIMALCREST DR ENDS
1912 Vacant	2916 Byars Vivian J Mrs @ 772-3101
1929 Pizza Hut No 4 772-7261	2948 Buff Willie R @ 772-3432
1931 Johnson Enterprises Inc 772-6263	2956 State Farm Insurance Co 772-5554
1935 Chappy's Fish & Chip's 772-3735	Kut Rate Fashions 772-9335
2005 Broad River Beauty Salon 772-7335	★Drew Janice
2007 Mack Joseph S Jr dentist 772-1548	Borecki Paul P
2114 Bannister's 66 772-9322	WHITEFORD RD BEGINS
2116 Sheppard's Texaco Service 772-9981	3009 Cumalander James W @ 772-3726
2121 Mobil Oil Corp 772-9875	3011 Mc Call Wm J @ 772-3933
2123 Robertson's Gulf Service 772-9867	3035 Guthrie Corree B Mrs @ 772-0286
	3036 Wessinger Jesse B Jr @ 772-3803
	3036½ Skinner Aubrey W
	3038 Wessinger Jesse B @ 772-3517
	3039 Sipple Herbert @ 772-3077
	3040 Miller Thos F @ 772-3760
	ST ANDREWS RD ENDS
I-20 INTERSECTS	3100 Big Star gros 772-2208
2220 Shealy's Exxon 772-2078	3102 Central Drug Co Inc 772-2211
2224 Newman Shell Station 772-9883	3104 Arnold's Professional Garment Care 772-3420
2340 G E X Membership Department Store 772-5600	3106 Arnolds' Coin Laundry
2350 First-Citizens Bank & Trust Co Of Sc 779-5760	Pitner John W dentist 772-0950
MARLEY DR BEGINS	3108 Vogue Stylon At St Andrews beauty shop 772-5922
2416 Mann Thos C lwyr 772-5421	3120 Milligan Jesse @ 772-3424
Christian Frank L III lwyr 772-5421	3123 Slice John B @ 772-3594
2420 Oyster Shell The restr 772-9822	3125 Humphries Donald W 772-5071
2421 Vacant	3128 Bowers
2423 Cowsert Robt W @ 772-3644	3136 Addy Leon C @ 772-3411
2424 North American Mortgage Exchange Corp real est 798-1150	3136½ Smith Wymon
Unicon Enterprises 798-0200	3137 Shealy Essie K Mrs @ 772-0235
2426 Livingston-Ward Co Inc 798-1210	3200 Richards John G School For Boys 758-3201
NUNAMAKER DR BEGINS	Davis Norman E 772-4789
2503 Lattimore H Thacker @ 772-0343	3201 Huffstetler Eula A @ 772-4148
2504 Amick Odis L @ 772-1993	3207 Huffstetler Wm M @ 772-3385
2508★Hudson Carol	3208 Decell Grady A @ 772-3985
2515★Roland David E 782-2788	3211 Amick O La Nair @ 772-5519
2516 Barry John M 772-5210	3212 Potts Joe W 772-4626
2520★Nunnamaker Jeannette S Mrs @ 772-2542	3217 Weed Henry A @
YOUNG DR BEGINS	3225 Mc Call David M @ 772-3359
SEMINOLE RD BEGINS	SHIVERS RD BEGINS
2601 Broad River Pentecostal Holiness Church 772-1357	3319 Meetze Clayton J @ 772-0141
2625 Cash Bobbie D	METZE RD BEGINS
2628 Ashley Alice W Mrs @ 772-2460	3324 Bowdler Gordon E
2636 Shuler Ralph S @ 772-0108	3401 Eargle H B @ 772-4262
2639 Dixie Auto Parts 772-6367	3427 Thomas Wm R @ 772-5568
Opal Oil Co No 23 gas sta 772-6358	3439 Douglass Will A @ 772-2321
Strobel Tire Store 772-7730	3440 Monts W Lightsey @ 772-1529
2640 Rush's Hamburgers 772-2393	Rear Ellisor David B 772-4178
2700 Minit Saver Food Stores Inc 772-9812	3506 Smith Myrtle M Mrs @ 772-2569
2701 Dreher Heyward W @ 772-1767	CARRISON RD BEGINS
2707 Winchester James B @ 772-2127	3510 Stokes Edw H @ 772-1930
2719 Southland Oil Co 62 gas sta 772-9958	3516★Sharpton Everett T 772-0929
	3530 Price Larrell H @



## BROAD RIVER RD 1970


42

1416 Saint Andrews Lutheran Church  
252-6079  
1419 Taylor Archie T  
1421 Gleem Car Wash  
1423 Arrow Cleaners & Laundry 765-2865  
1427 Broad River Pure Oil 765-2778  
ELM ABODE TER BEGINS  
1440 Security Federal Savings & Loan  
Assn Of Columbia 256-3401  
ELM ABODE TER ENDS  
BUSH RIVER RD BEGINS  
1500 Wingard Virginia Memorial United  
Methodist Church 772-0794  
Wingard Virginia Christian  
Kindergarten 772-0794  
1501 Bouknight O Y Atlantic Service  
772-9967  
1507 Christian Frank L III lwyr 772-7600  
1519 Boozer Bessie I Mrs @ 772-2143  
1529 Worthy's Flower & Garden Center ret  
florist 772-5220  
1540 Gilreath's S O C Service Station  
772-9984  
1577 Winnie's Cosmetics 772-0280  
Belle Dame Wigs 772-0280  
1579 Wolfe School Of Fine Arts  
1581 Fiesta House Of Gifts 772-4758  
1583 Campus Fashions 772-5597  
1585 Gallery The photog 772-3535  
Saint Andrews News The 772-3240  
1595 Haynes Shoes 772-1530  
1597 Boozer Wyman Realty Co 772-1144  
1599 Applebee-Church Inc heating appls  
772-3142  
Bruce Realty 772-1343  
Custom Forms Inc business forms  
772-2648  
Rivers Charlie Insurance 772-0404  
Bell & Howell Co (Micro Data Div)  
film 772-3689  
1601 United 5 & 10 Cent Store 772-0542  
1603 Fashion Fabrics 772-2228  
1605 State Farm Insurance Co 772-1929  
Gates Rubber Co The mfrs 772-0562  
Jackson Tax Service 772-5714  
1607 Rainbow Cleaners & Laundry  
772-9849  
1609 Dems R & Son Jewelers 772-2095  
1613 Saint Andrews Pharmacy 772-2456  
1617 Bel-Air Barber Shop 772-1899  
1619 Saint Andrews Beauty Salon 772-1108  
1621 Economy T V Sales & Service  
772-1880  
1624 Vacant  
Rear Vacant  
OMAREST DR BEGINS  
1627 Winn-Dixie Stores Inc  
1633 South Carolina National Bank  
256-4201  
1714 Parnell's Hess Serv Sta 772-9960  
1715 Westminster Presbyterian Church  
772-1338  
1718 Smith Robt L @ 772-2189  
1728 Grooms Thos D 772-2180  
1729 Under Constn  
1732 Riverside Flower Shop 772-5700  
1804 Wolfe John S @ 772-1804  
1812 Jennings Wm E Jr @  
1820 Shealy Lynn W @ 772-1350  
BAKERSFIELD RD BEGINS  
1823 Pittman Doug @  
1824 Saint Andrews Heating & Cooling Co  
772-4823  
Saint Andrews Lumber Co Inc  
772-1194  
1840 Fulmer Annie B Mrs @ 772-0592  
1908 Vacant

1912 Stockman Katie E Mrs 772-1671  
1924 Simon Melvin M @ 772-2331  
1935 Chappy's Fish & Chip's 772-3735  
1939 Carolina Pest & Weed Control Inc  
772-4291  
Amway Home Products Distributors  
home products 772-4291  
Parmenter-Clark 772-4281  
2005 Mr David's House Of Beauty 772-1432  
2007 Mack Joseph S Jr dentist 772-1548  
2015 Brazell L B 772-5671  
2114 Columbia Service Station 772-9989  
2116 Sheppard's Texaco Service 772-9981  
2123 Robertson's Gulf Service 772-9867

57

I-20 INTERSECTS  
2220 Shealy's Easo 772-2078  
2224 Newman Shell Station 772-9883  
2340 G E X Membership Department Store  
772-5600  
MARLEY DR BEGINS  
2416 Mann Thos C lwyr 253-9461  
Dailey Clarence F @ 772-0644  
2418 Vacant  
2420 Shell Oyster The restr 772-9822  
2421 Vacant  
2423 Cowsert Robt W 772-3644  
2424 Cannon & Wessinger Insurance  
Agency 772-0386  
2426 Hunter Realty Service (St Andrews  
Br) 772-3115  
NUNAMAKER DR BEGINS  
2503 Lattimore H Thacker @ 772-0343  
2504 Amick Odis L @ 772-1993  
2508 Vacant  
2515 Blackmon Wm M 772-1328  
2516 Barry John M 772-5210  
2520 Nunamaker Electric Co 772-0400  
Nunamaker James A @ 772-0400  
YOUNG DR BEGINS  
SEMINOLE RD BEGINS  
2625 Cash John P  
2628 Ashley Alice W Mrs @ 772-2460  
2636 Shuler Ralph S @ 772-0108  
2639 Hall Benj A @ 772-1484  
2640 Rush's Hamburgers 772-2393  
2700 Minit Saver Food Stores Inc 772-9812  
2701 Dreher Heyward W @ 772-1767  
2707 Winchester James B @ 772-2127  
2719 Southland Oil Co 62 gas sta 772-9958  
2720 Bouknight Lester L 772-1076  
2725 Coker Realty 772-4111  
Kitchens Bill Real Estate 772-0750  
INLAND DR BEGINS  
2730 Hoyt Maggie H Mrs @  
2739 U Next Barber Shop  
2740 Gantt Henry B @ 772-0527  
2803 Taylor James W @ 772-2549  
2804 Huffman Myrtle S Mrs @ 772-0533  
2819 Ballentine Bertha S Mrs @ 772-2724  
2820 Huffman Ersell W @ 772-1996  
2823 Ballentine Robt A @ 772-1448  
2827 Younginer Walter S @ 772-3300  
2828 Mc Entire John T @ 772-0682  
2830 Mc Entire Lessie Y Mrs 772-3935  
2831 Case Piano Co Inc 772-5400  
2832 Mc Entire Hanes A @ 772-3834  
2839 Sixty Minute Cleaners 772-5628  
ZIMALCREST DR ENDS  
2916 Byars Vivian J Mrs @ 772-3101  
2948 Buff Willie R @ 772-3432  
2956 State Farm Insurance Co 772-5554  
WHITEFORD RD BEGINS  
3009 Cumalander James W @ 772-3726  
3011 Mc Call Wm J @ 772-3933  
3035 Guthrie Roy L @ 772-0286



R07402-02-02

2220 Broad River Road columbia SC 29210-6730

Columbia, SC 29210

Inquiry Number: 4857343.22

February 17, 2017

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



# Certified Sanborn® Map Report

02/17/17

**Site Name:**

R07402-02-02  
2220 Broad River Road columk  
Columbia, SC 29210  
EDR Inquiry # 4857343.22

**Client Name:**

F&ME Consultants  
3112 Devine Street  
Columbia, SC 29205  
Contact: R. Wingard



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## Certified Sanborn Results:

**Certification #** D362-437B-810E  
**PO #** G5662.000  
**Project** G5662.000

### UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: D362-437B-810E

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- ☒ Library of Congress
- ☒ University Publications of America
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R07402-02-02

2220 Broad River Road columbia SC 29210-6730

Columbia, SC 29210

Inquiry Number: 4857343.24

February 17, 2017

# EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
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# EDR Historical Topo Map Report

02/17/17

**Site Name:**

R07402-02-02  
2220 Broad River Road columb  
Columbia, SC 29210  
EDR Inquiry # 4857343.24

**Client Name:**

F&ME Consultants  
3112 Devine Street  
Columbia, SC 29205  
Contact: R. Wingard



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by F&ME Consultants were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:****Coordinates:**

**P.O.#** G5662.000  
**Project:** G5662.000

**Latitude:** 34.040614 34° 2' 26" North  
**Longitude:** -81.0945 -81° 5' 40" West  
**UTM Zone:** Zone 17 North  
**UTM X Meters:** 491277.28  
**UTM Y Meters:** 3766663.22  
**Elevation:** 317.00' above sea level

**Maps Provided:**

2014  
1997  
1990  
1983  
1972  
1948  
1947  
1904

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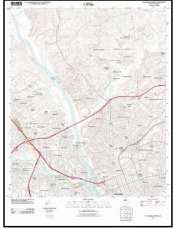
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## ***Topo Sheet Key***

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **2014 Source Sheets**



Columbia North  
2014  
7.5-minute, 24000

### **1997 Source Sheets**



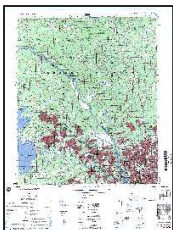
Columbia North  
1997  
7.5-minute, 24000  
Aerial Photo Revised 1988

### **1990 Source Sheets**



Columbia North  
1990  
7.5-minute, 24000  
Aerial Photo Revised 1988

### **1983 Source Sheets**



IRMO  
1983  
15-minute, 50000

## **Topo Sheet Key**

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1972 Source Sheets**



Columbia North  
1972  
7.5-minute, 24000  
Aerial Photo Revised 1971

### **1948 Source Sheets**



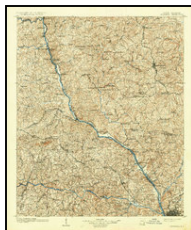
Columbia North  
1948  
7.5-minute, 24000

### **1947 Source Sheets**



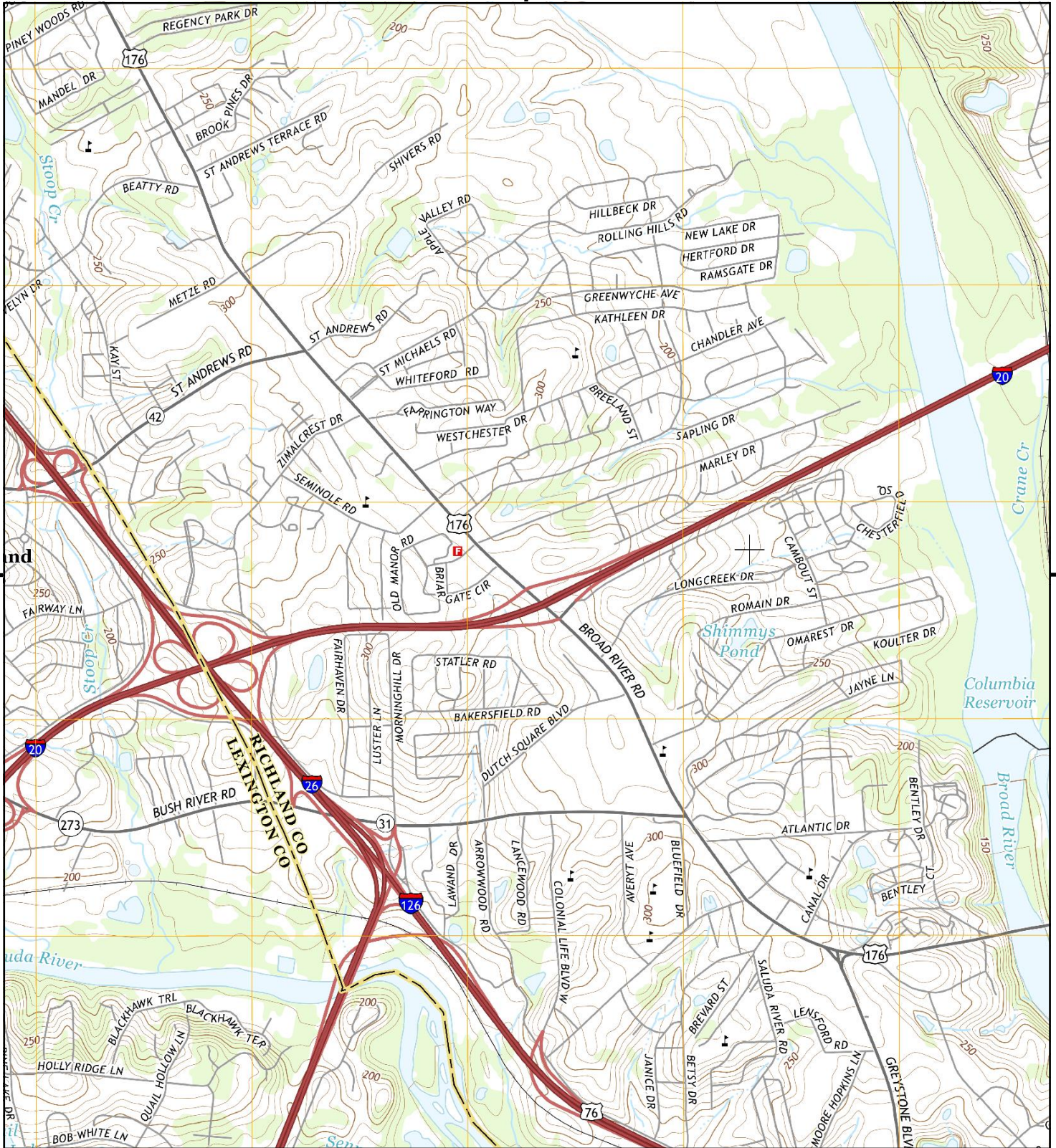
Columbia North  
1947  
7.5-minute, 24000

### **1904 Source Sheets**

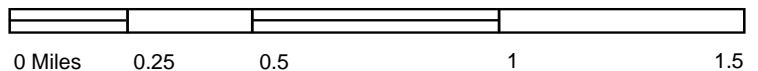


Columbia  
1904  
30-minute, 125000





This report includes information from the following map sheet(s).

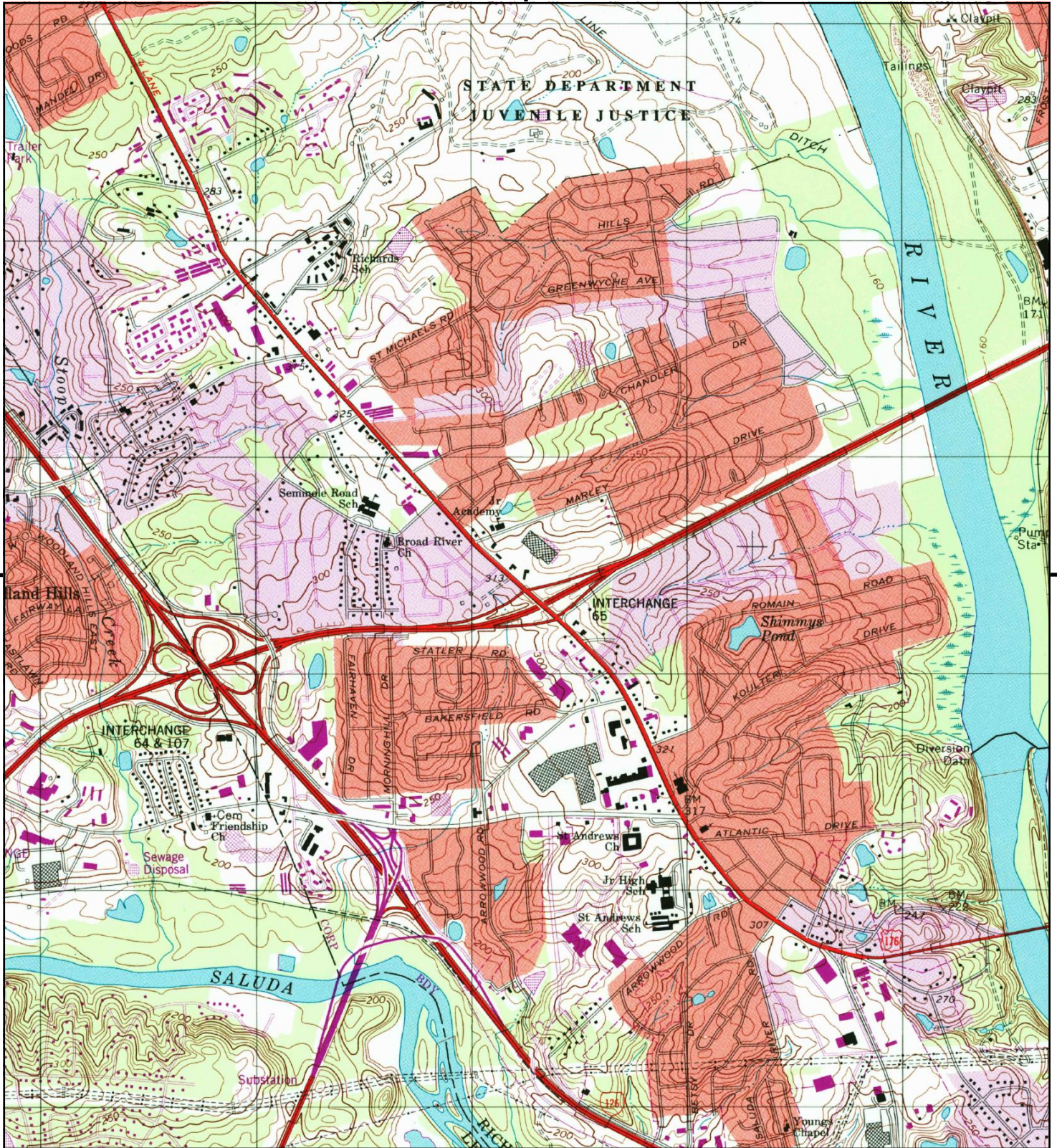


TP, Columbia North, 2014, 7.5-minute

SITE NAME: R07402-02-02  
 ADDRESS: 2220 Broad River Road Columbia SC 292  
 Columbia, SC 29210  
 CLIENT: F&ME Consultants







This report includes information from the following map sheet(s).

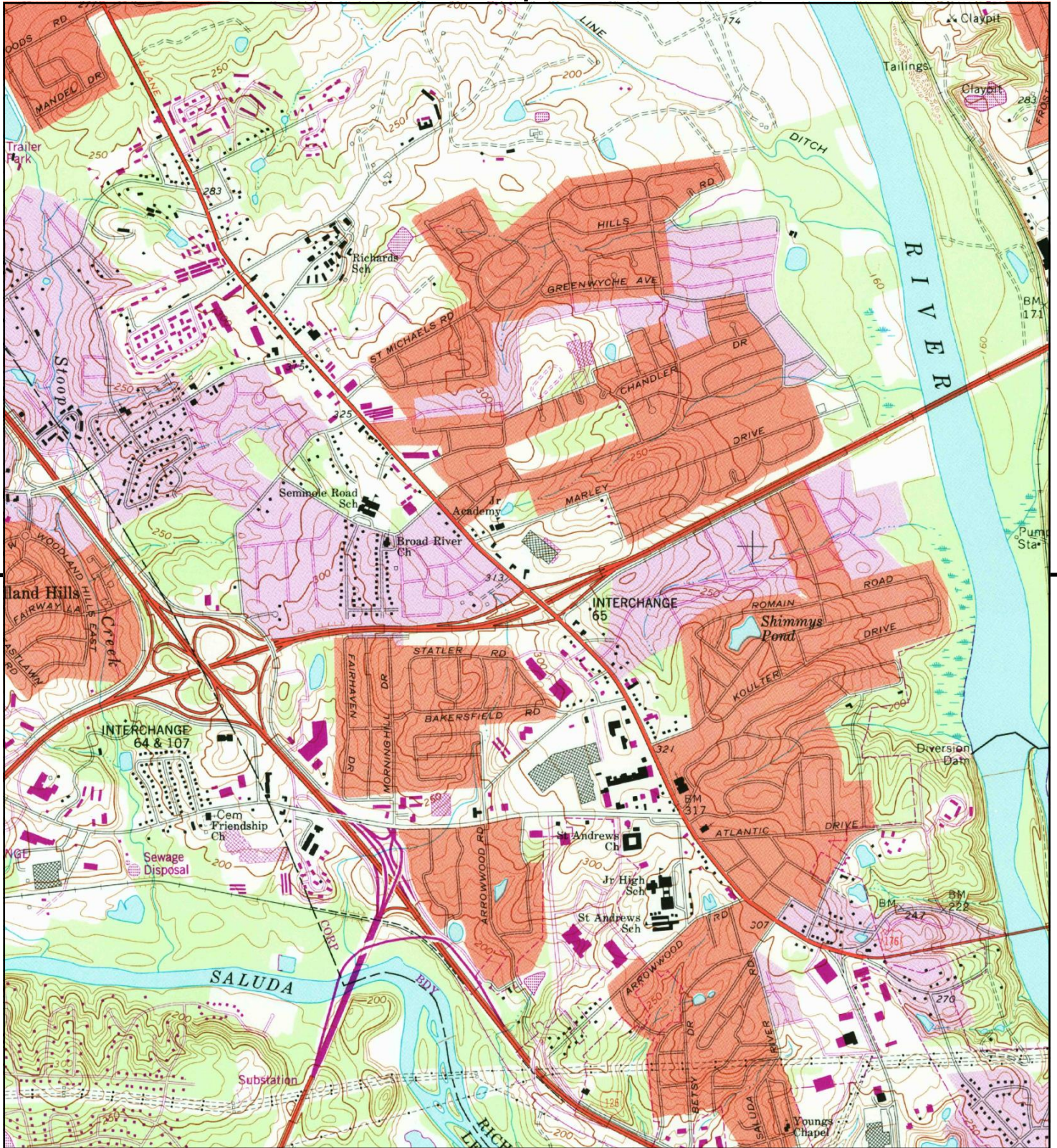


TP, Columbia North, 1997, 7.5-minute

SITE NAME: R07402-02-02  
 ADDRESS: 2220 Broad River Road Columbia SC 292  
 Columbia, SC 29210  
 CLIENT: F&ME Consultants







This report includes information from the following map sheet(s).



TP, Columbia North, 1990, 7.5-minute

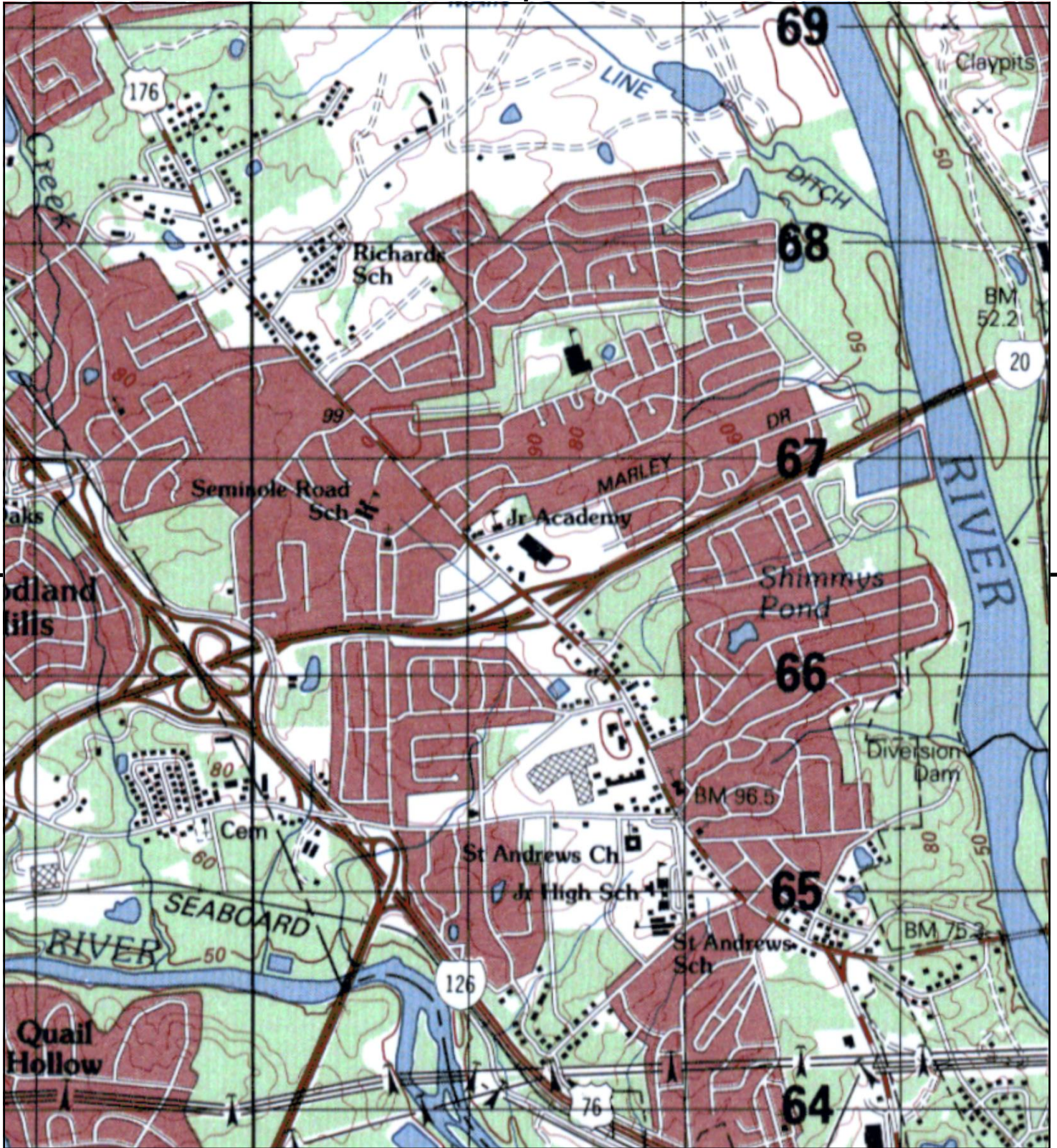
SITE NAME: R07402-02-02

ADDRESS: 2220 Broad River Road  
Columbia, SC 29210

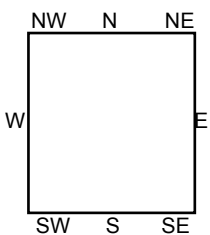
CLIENT: F&ME Consultants







This report includes information from the following map sheet(s).

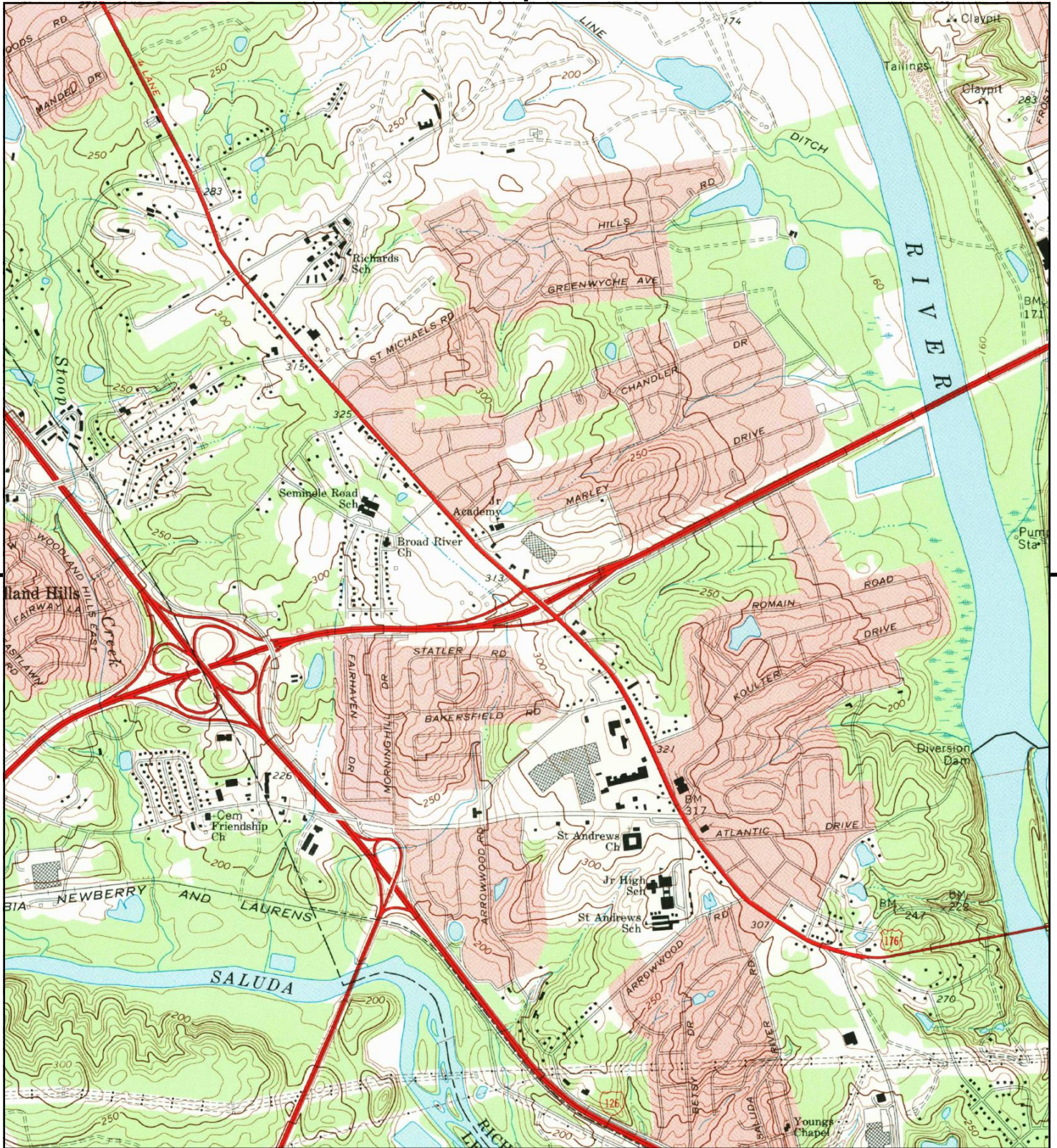


TP, IRMO, 1983, 15-minute

SITE NAME: R07402-02-02  
 ADDRESS: 2220 Broad River Road Columbia SC 292  
 Columbia, SC 29210  
 CLIENT: F&ME Consultants







This report includes information from the following map sheet(s).



TP, Columbia North, 1972, 7.5-minute

SITE NAME: R07402-02-02  
ADDRESS: 2220 Broad River Road Columbia SC 292  
Columbia, SC 29210  
CLIENT: F&ME Consultants







This report includes information from the following map sheet(s).

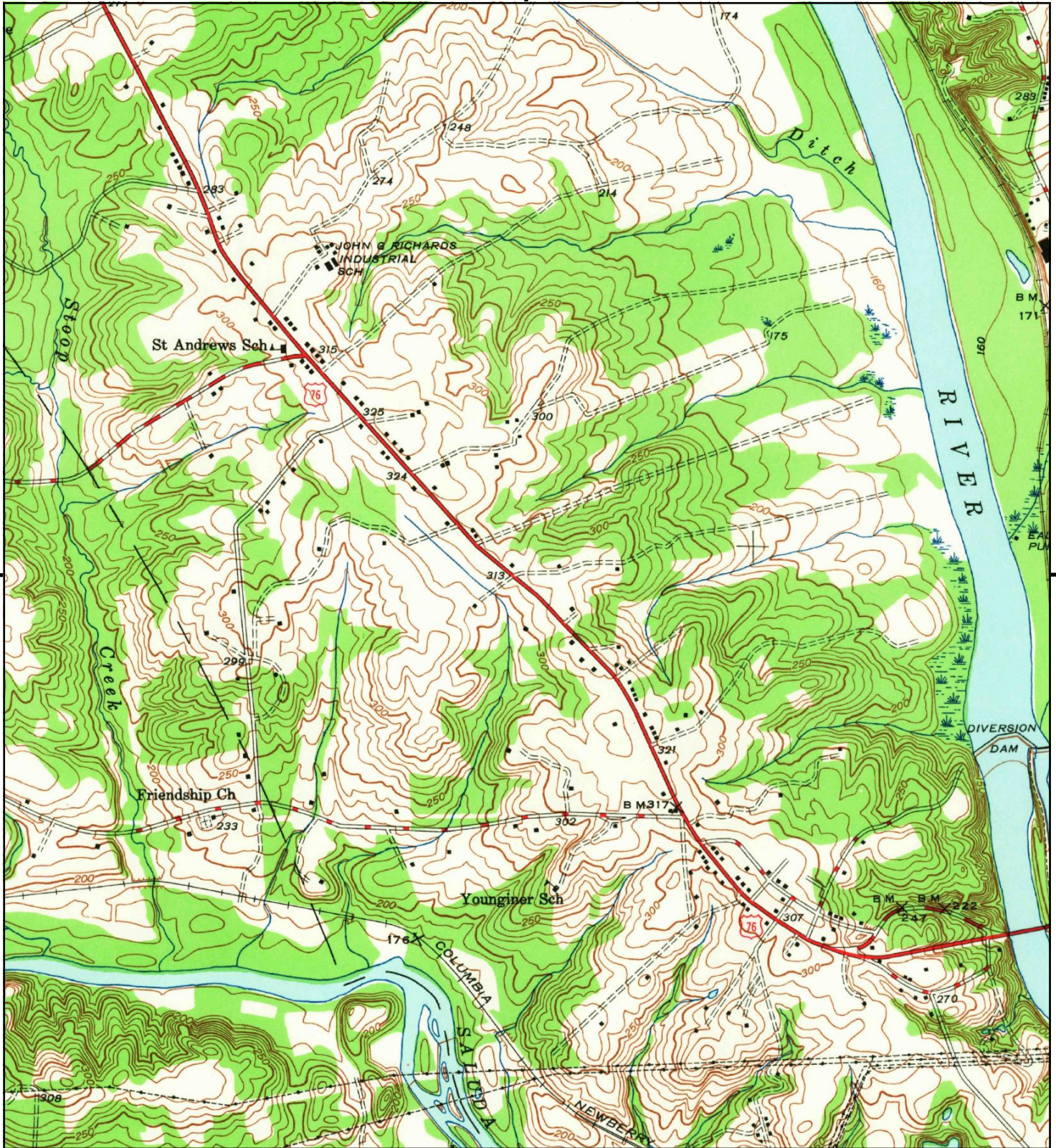


TP, Columbia North, 1948, 7.5-minute

SITE NAME: R07402-02-02  
ADDRESS: 2220 Broad River Road Columbia SC 292  
Columbia, SC 29210  
CLIENT: F&ME Consultants







This report includes information from the following map sheet(s).

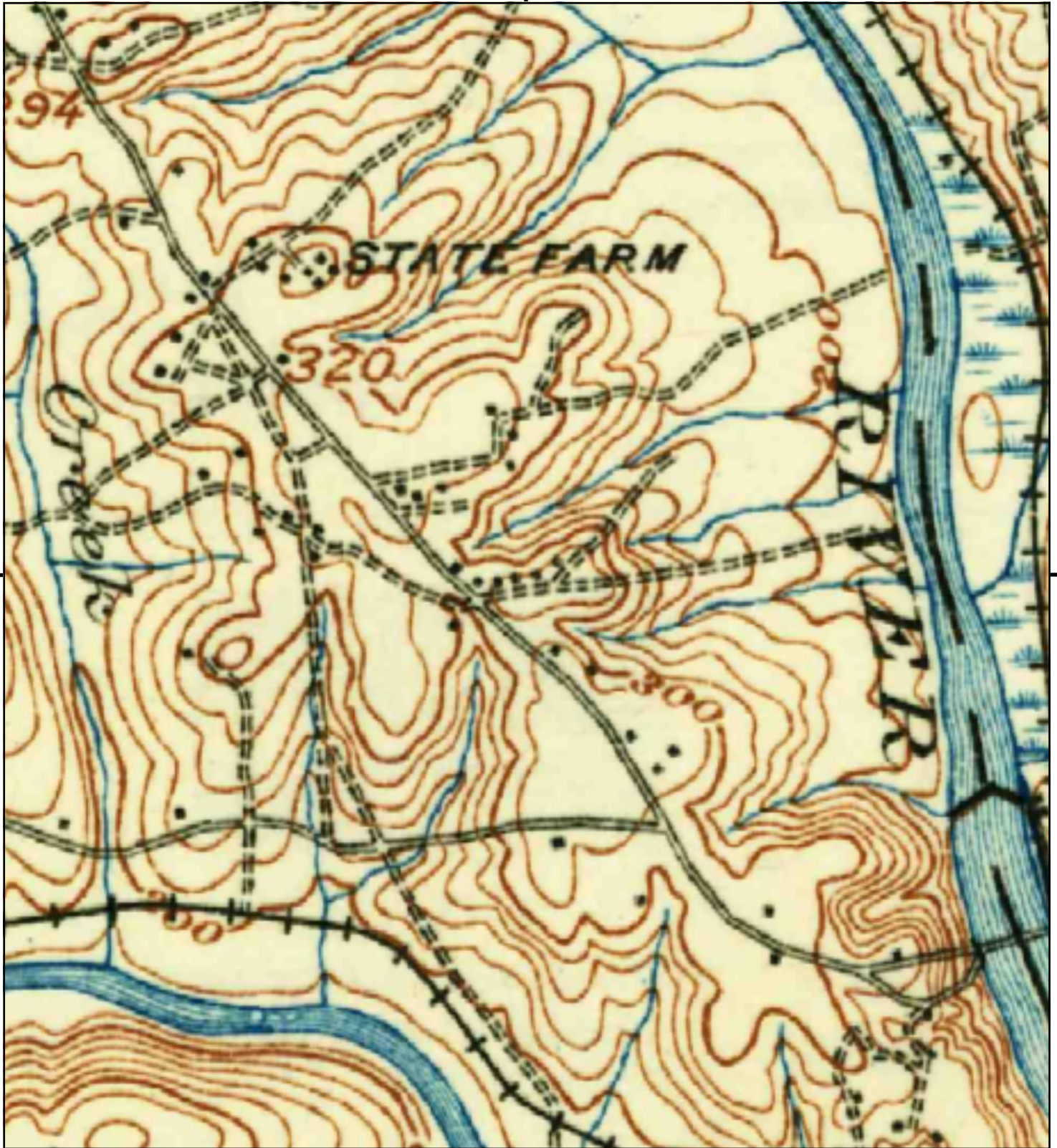


TP, Columbia North, 1947, 7.5-minute

SITE NAME: R07402-02-02  
ADDRESS: 2220 Broad River Road Columbia SC 292  
Columbia, SC 29210  
CLIENT: F&ME Consultants







This report includes information from the following map sheet(s).



TP, Columbia, 1904, 30-minute

SITE NAME: R07402-02-02  
 ADDRESS: 2220 Broad River Road Columbia SC 292  
 Columbia, SC 29210  
 CLIENT: F&ME Consultants





# Appendix E—Regulatory Records Documentation

Appendix E includes only copies of pertinent FOIA information, which was provided to F&ME by the SCDHEC. Copies of the more comprehensive FOIA information is not included as part of this report. However, if required by the User, F&ME can make this information available.

**R07402-02-02**

2220 Broad River Road columbia SC 29210-6730  
Columbia, SC 29210

Inquiry Number: 4857343.23s  
February 17, 2017

## The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



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

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

2220 BROAD RIVER ROAD COLUMBIA SC 29210-6730  
COLUMBIA, SC 29210

#### COORDINATES

Latitude (North):	34.0406140 - 34° 2' 26.21"
Longitude (West):	81.0945000 - 81° 5' 40.20"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	491277.1
UTM Y (Meters):	3766468.8
Elevation:	317 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6068324 COLUMBIA NORTH, SC
Version Date:	2014

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150430
Source:	USDA



# MAPPED SITES SUMMARY

Target Property Address:  
2220 BROAD RIVER ROAD COLUMBIA SC 29210-6730  
COLUMBIA, SC 29210

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">A1</a>	KENTS KORNER 21	2220 BROAD RIVER RD	RGA LUST		TP
<a href="#">A2</a>	R A S 45015	2220 BROAD RIVER RD	UST		TP
<a href="#">A3</a>	KENTS KORNER #21	2220 BROAD RIVER RD	RGA LUST		TP
<a href="#">A4</a>	R.A.S.45015	2220 BROAD RIVER RD	RGA LUST		TP
<a href="#">A5</a>	KENTS KORNER 21	2220 BROAD RIVER RD	FINDS		TP
<a href="#">A6</a>	CIRCLE K 3105	2220 BROAD RIVER RD	LUST, UST, RCR, Financial Assurance, GWCI		TP
<a href="#">A7</a>	EXXON 4-5015	2220 BROAD RIVER RD	RGA LUST		TP
<a href="#">A8</a>	EXXON LOCATION 4 501	2220 BROAD RIVER ROA	RCRA-CESQG, FINDS, ECHO		TP
<a href="#">9</a>	PORT UNIT 288	2224 BROAD RIVER RD	LUST, UST, GWCI, UIC	Higher	198, 0.038, WSW
<a href="#">10</a>	TEXACO SERVICE	BROAD RIVER & I 20	UST	Higher	557, 0.105, SSE
<a href="#">B11</a>	YOKAHAMA TIRE	2341 BROAD RIVER RD	LUST, UST	Lower	592, 0.112, WNW
<a href="#">B12</a>		2341 BROAD RIVER RD	EDR Hist Auto	Lower	592, 0.112, WNW
<a href="#">C13</a>	SHEPPERDS TEXACO STA	2116 BROAD RIVER RD	LUST, UST	Higher	995, 0.188, SE
<a href="#">C14</a>	RACETRAC 978	2114 BROAD RIVER RD	LUST, UST, Financial Assurance, GWCI	Higher	1058, 0.200, SE
<a href="#">D15</a>	GULF SERVICE STATION	2123 BROAD RIVER RD	UST	Higher	1064, 0.202, SSE
<a href="#">D16</a>	GULF SERVICE STATION	2123 BROAD RIVER RD	LUST, UST, GWCI	Higher	1112, 0.211, SSE
<a href="#">17</a>	COLUMBIA FIRE DEPT S	1225 BRIARGATE CIR	LUST, UST, RCR, GWCI	Higher	1154, 0.219, WNW
<a href="#">E18</a>	MCQUIK'S #9660	2121 BROAD RIVERS RO	RCRA NonGen / NLR	Higher	1197, 0.227, SE
<a href="#">E19</a>	MCQUIKS OILUBE	2121 BROAD RIVER RD	LUST, UST, RCR, GWCI	Higher	1197, 0.227, SE
<a href="#">20</a>	AAMCO TRANSMISSIONS	2428 BROAD RIVER RD	RCRA-CESQG, FINDS, ECHO	Lower	1258, 0.238, NW
<a href="#">21</a>	CONSTAN INC	2505 BROAD RIVER RD	LUST, UST	Lower	1683, 0.319, NW
<a href="#">F22</a>	CIRCLE K 2705138	2624 BROAD RIVER RD	LUST, UST	Higher	1860, 0.352, NW
<a href="#">F23</a>	CIRCLE K 2705138	2624 BROAD RIVER RD	RCR, Financial Assurance, GWCI	Higher	1860, 0.352, NW
<a href="#">24</a>	FRASIER TIRE SERVICE	828 DUTCH SQUARE BLV	LUST, UST	Lower	2240, 0.424, South
<a href="#">25</a>	FORMER USA SERVICE S	DUTCH SQUARE MALL	RCR, FINDS	Higher	2382, 0.451, SSE
<a href="#">26</a>	PENSKE AUTO CENTER K	99 N ARROWOOD RD	LUST, UST	Lower	2478, 0.469, SSW
<a href="#">27</a>	PEP BOY 134	1804 BROAD RIVER RD	LUST, UST	Higher	2567, 0.486, SE
<a href="#">28</a>	PALMETTO FINE CLEANE	1718 BROAD RIVER RD	SHWS, DRYCLEANERS	Higher	3015, 0.571, SE
<a href="#">29</a>	SUBURBAN LODGE (FORM	1633 BROAD RIVER RD	SHWS	Higher	3254, 0.616, SSE
<a href="#">G30</a>	BRITE CLEANERS	422 BUSH RIVER RD/14	SHWS, DRYCLEANERS	Lower	3800, 0.720, South
<a href="#">G31</a>	BRITE CLEANERS	422 BUSH RIVER RD UN	SHWS, VCP, BROWNFIELDS, DRYCLEANERS	Lower	3800, 0.720, South
<a href="#">32</a>	DELUXE CLEANERS	3007 BROAD RIVER RD	SHWS, DRYCLEANERS	Lower	4495, 0.851, NW
<a href="#">33</a>	TRIPP'S FINE CLEANER	1339 BROAD RIVER RD	SHWS, DRYCLEANERS	Lower	4926, 0.933, SSE
<a href="#">34</a>	ARNOLDS PROFESSIONAL	3104 BROAD RIVER ROA	SHWS, RCRA NonGen / NLR, FINDS, DRYCLEANERS, ECHO	Lower	5073, 0.961, NW
<a href="#">35</a>	3128 BROAD RIVER RD	3128 BROAD RIVER RD	SHWS	Lower	5264, 0.997, NW

## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
KENTS KORNER 21 2220 BROAD RIVER RD COLUMBIA, SC	RGA LUST	N/A
R A S 45015 2220 BROAD RIVER RD COLUMBIA, SC	UST Facility Id: 11892	N/A
KENTS KORNER #21 2220 BROAD RIVER RD COLUMBIA, SC	RGA LUST	N/A
R.A.S.45015 2220 BROAD RIVER RD COLUMBIA, SC	RGA LUST	N/A
KENTS KORNER 21 2220 BROAD RIVER RD COLUMBIA, SC 29210	FINDS Registry ID:: 110017176535	N/A
CIRCLE K 3105 2220 BROAD RIVER RD COLUMBIA, SC	LUST No Action Required: 10/28/1998 Substance: PETRO Facility Id: 07648  UST Facility Id: 07648 Status: Abandoned Status: Currently in Use  RCR Financial Assurance Database: Financial Assurance 3, Date of Government Version: 03/05/2015 Facility ID: P-07648  GWC Solid Waste Permit #: 07648	N/A
EXXON 4-5015 2220 BROAD RIVER RD COLUMBIA, SC	RGA LUST	N/A
EXXON LOCATION 4 501 2220 BROAD RIVER ROA COLUMBIA, SC 29210	RCRA-CESQG	SCD987578234



## EXECUTIVE SUMMARY

EPA ID:: SCD987578234

FINDS

Registry ID:: 110004941038

ECHO

### **DATABASES WITH NO MAPPED SITES**

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

### **STANDARD ENVIRONMENTAL RECORDS**

#### ***Federal NPL site list***

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

#### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

#### ***Federal CERCLIS list***

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

#### ***Federal CERCLIS NFRAP site list***

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

#### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

#### ***Federal RCRA non-CORRACTS TSD facilities list***

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

#### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators

#### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System  
US ENG CONTROLS..... Engineering Controls Sites List

## EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State and tribal landfill and/or solid waste disposal site lists***

SWF/LF..... Permitted Landfills List

### ***State and tribal leaking storage tank lists***

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

### ***State and tribal registered storage tank lists***

FEMA UST..... Underground Storage Tank Listing

AST..... Aboveground Storage Tank List

INDIAN UST..... Underground Storage Tanks on Indian Land

### ***State and tribal institutional control / engineering control registries***

AUL..... Land Use Controls

### ***State and tribal voluntary cleanup sites***

VCP..... Voluntary Cleanup Sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

### ***State and tribal Brownfields sites***

BROWNFIELDS..... Brownfields Sites Listing

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

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

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

SWRCY..... Solid Waste Recycling Facilities

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

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

### ***Local Lists of Hazardous waste / Contaminated Sites***

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

ALLSITES..... Site Assessment & Remediation Public Record Database

CDL..... Clandestine Drug Lab Sites

US CDL..... National Clandestine Laboratory Register

### ***Local Land Records***

LIENS 2..... CERCLA Lien Information



## EXECUTIVE SUMMARY

### ***Records of Emergency Release Reports***

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

### ***Other Ascertainable Records***

FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
UXO..... Unexploded Ordnance Sites  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
AIRS..... Permitted Airs Facility Listing  
COAL ASH..... Coal Ash Disposal Sites  
DRYCLEANERS..... Drycleaner Database  
NPDES..... Waste Water Treatment Facilities Listing  
UIC..... Underground Injection Wells Listing  
ABANDONED MINES..... Abandoned Mines  
FUELS PROGRAM..... EPA Fuels Program Registered Listing

### **EDR HIGH RISK HISTORICAL RECORDS**

#### ***EDR Exclusive Records***

EDR MGP..... EDR Proprietary Manufactured Gas Plants

## EXECUTIVE SUMMARY

EDR Hist Cleaner..... EDR Exclusive Historic Dry Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### **Exclusive Recovered Govt. Archives**

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List  
RGA LF..... Recovered Government Archive Solid Waste Facilities List

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

### STANDARD ENVIRONMENTAL RECORDS

#### **Federal RCRA generators list**

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 12/12/2016 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>AAMCO TRANSMISSIONS</i></b>	<b><i>2428 BROAD RIVER RD</i></b>	<b><i>NW 1/8 - 1/4 (0.238 mi.)</i></b>	<b><i>20</i></b>	<b><i>33</i></b>

#### **State- and tribal - equivalent CERCLIS**

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

A review of the SHWS list, as provided by EDR, and dated 10/10/2016 has revealed that there are 8 SHWS sites within approximately 1 mile of the target property.



## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PALMETTO FINE CLEANER</b> EPA ID: SCDRY0053089	<b>1718 BROAD RIVER RD</b>	<b>SE 1/2 - 1 (0.571 mi.)</b>	<b>28</b>	<b>43</b>
SUBURBAN LODGE (FORM EPA ID: SCS123457099	1633 BROAD RIVER RD	SSE 1/2 - 1 (0.616 mi.)	29	43
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>BRITE CLEANERS</b> EPA ID: SCDRY0057314	<b>422 BUSH RIVER RD/14</b>	<b>S 1/2 - 1 (0.720 mi.)</b>	<b>G30</b>	<b>44</b>
<b>BRITE CLEANERS</b> EPA ID: SCS123457021	<b>422 BUSH RIVER RD UN</b>	<b>S 1/2 - 1 (0.720 mi.)</b>	<b>G31</b>	<b>44</b>
<b>DELUXE CLEANERS</b> EPA ID: SCDRY0056072	<b>3007 BROAD RIVER RD</b>	<b>NW 1/2 - 1 (0.851 mi.)</b>	<b>32</b>	<b>45</b>
<b>TRIPP'S FINE CLEANER</b> EPA ID: SCDRY0051271	<b>1339 BROAD RIVER RD</b>	<b>SSE 1/2 - 1 (0.933 mi.)</b>	<b>33</b>	<b>45</b>
<b>ARNOLDS PROFESSIONAL</b> EPA ID: SCDRY0051118	<b>3104 BROAD RIVER ROA</b>	<b>NW 1/2 - 1 (0.961 mi.)</b>	<b>34</b>	<b>46</b>
3128 BROAD RIVER RD	3128 BROAD RIVER RD	NW 1/2 - 1 (0.997 mi.)	35	48

### **State and tribal leaking storage tank lists**

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

A review of the LUST list, as provided by EDR, and dated 10/14/2016 has revealed that there are 12 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PORT UNIT 288</b> Substance: PETROL Facility Id: 07758	<b>2224 BROAD RIVER RD</b>	<b>WSW 0 - 1/8 (0.038 mi.)</b>	<b>9</b>	<b>15</b>
<b>SHEPPERDS TEXACO STA</b> No Action Required: 01/13/2014 Substance: PETROL Facility Id: 07605	<b>2116 BROAD RIVER RD</b>	<b>SE 1/8 - 1/4 (0.188 mi.)</b>	<b>C13</b>	<b>19</b>
<b>RACETRAC 978</b> No Action Required: 10/05/2010 Substance: PETROL Facility Id: 07910	<b>2114 BROAD RIVER RD</b>	<b>SE 1/8 - 1/4 (0.200 mi.)</b>	<b>C14</b>	<b>21</b>
<b>GULF SERVICE STATION</b> Substance: PETROL Facility Id: 07342	<b>2123 BROAD RIVER RD</b>	<b>SSE 1/8 - 1/4 (0.211 mi.)</b>	<b>D16</b>	<b>25</b>
<b>COLUMBIA FIRE DEPT S</b> No Action Required: 09/28/2006 Substance: PETRO Facility Id: 07326	<b>1225 BRIARGATE CIR</b>	<b>WNW 1/8 - 1/4 (0.219 mi.)</b>	<b>17</b>	<b>28</b>
<b>MCQUIKS OILUBE</b>	<b>2121 BROAD RIVER RD</b>	<b>SE 1/8 - 1/4 (0.227 mi.)</b>	<b>E19</b>	<b>31</b>

## EXECUTIVE SUMMARY

Facility Id: 10130

37

Facility Id: 11013

42

Facility Id: 18230

Page

18

Facility Id: 18544

36

Facility Id: 07925

40

Facility Id: 14101

41

Facility Id: 07780

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Health & Environmental Control's list: Comprehensive Underground Storage Tanks.

Page

15

Status: Abandoned

17

Status: ABD

19

Facility Id: 07605



## EXECUTIVE SUMMARY

Status: ABD				
<b>RACETRAC 978</b>	<b>2114 BROAD RIVER RD</b>	<b>SE 1/8 - 1/4 (0.200 mi.)</b>	<b>C14</b>	<b>21</b>
Facility Id: 07910				
Status: Abandoned				
Status: Extended Out-of-Use				
<b>GULF SERVICE STATION</b>	<b>2123 BROAD RIVER RD</b>	<b>SSE 1/8 - 1/4 (0.202 mi.)</b>	<b>D15</b>	<b>24</b>
Facility Id: 11060				
<b>GULF SERVICE STATION</b>	<b>2123 BROAD RIVER RD</b>	<b>SSE 1/8 - 1/4 (0.211 mi.)</b>	<b>D16</b>	<b>25</b>
Facility Id: 07342				
Status: Abandoned				
<b>COLUMBIA FIRE DEPT S</b>	<b>1225 BRIARGATE CIR</b>	<b>WNW 1/8 - 1/4 (0.219 mi.)</b>	<b>17</b>	<b>28</b>
Facility Id: 07326				
Status: ABD				
<b>MCQUIKS OILUBE</b>	<b>2121 BROAD RIVER RD</b>	<b>SE 1/8 - 1/4 (0.227 mi.)</b>	<b>E19</b>	<b>31</b>
Facility Id: 10130				
Status: Abandoned				
<b>Lower Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
<b>YOKAHAMA TIRE</b>	<b>2341 BROAD RIVER RD</b>	<b>WNW 0 - 1/8 (0.112 mi.)</b>	<b>B11</b>	<b>18</b>
Facility Id: 18544				
Status: ABD				

### State and tribal institutional control / engineering control registries

RCR: The Bureau of Land and Waste Management established this Registry to help monitor and maintain sites that have conditional remedies. A Conditional Remedy is an environmental remedy that includes certain qualifications. These qualifications are divided into two major categories: Remedies requiring Land Use Controls and Conditional No Further Actions.

A review of the RCR list, as provided by EDR, and dated 10/10/2016 has revealed that there are 4 RCR sites within approximately 0.5 miles of the target property.

<b>Equal/Higher Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
<b>COLUMBIA FIRE DEPT S</b>	<b>1225 BRIARGATE CIR</b>	<b>WNW 1/8 - 1/4 (0.219 mi.)</b>	<b>17</b>	<b>28</b>
<b>MCQUIKS OILUBE</b>	<b>2121 BROAD RIVER RD</b>	<b>SE 1/8 - 1/4 (0.227 mi.)</b>	<b>E19</b>	<b>31</b>
<b>CIRCLE K 2705138</b>	<b>2624 BROAD RIVER RD</b>	<b>NW 1/4 - 1/2 (0.352 mi.)</b>	<b>F23</b>	<b>39</b>
<b>FORMER USA SERVICE S</b>	<b>DUTCH SQUARE MALL</b>	<b>SSE 1/4 - 1/2 (0.451 mi.)</b>	<b>25</b>	<b>41</b>

### ADDITIONAL ENVIRONMENTAL RECORDS

#### Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or

## EXECUTIVE SUMMARY

dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/12/2016 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MCQUIK'S #9660	2121 BROAD RIVERS RO	SE 1/8 - 1/4 (0.227 mi.)	E18	30

GWCI: Groundwater Contamination Inventory Cases. Any site that has groundwater contamination over a federal MCL.

A review of the GWCI list, as provided by EDR, and dated 07/01/2008 has revealed that there are 6 GWCI sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PORT UNIT 288</b> Solid Waste Permit #: 07758	<b>2224 BROAD RIVER RD</b>	<b>WSW 0 - 1/8 (0.038 mi.)</b>	<b>9</b>	<b>15</b>
<b>RACETRAC 978</b> Solid Waste Permit #: 07910	<b>2114 BROAD RIVER RD</b>	<b>SE 1/8 - 1/4 (0.200 mi.)</b>	<b>C14</b>	<b>21</b>
<b>GULF SERVICE STATION</b> Solid Waste Permit #: 07342	<b>2123 BROAD RIVER RD</b>	<b>SSE 1/8 - 1/4 (0.211 mi.)</b>	<b>D16</b>	<b>25</b>
<b>COLUMBIA FIRE DEPT S</b> Solid Waste Permit #: 07326	<b>1225 BRIARGATE CIR</b>	<b>WNW 1/8 - 1/4 (0.219 mi.)</b>	<b>17</b>	<b>28</b>
<b>MCQUIKS OILUBE</b> Solid Waste Permit #: 10130	<b>2121 BROAD RIVER RD</b>	<b>SE 1/8 - 1/4 (0.227 mi.)</b>	<b>E19</b>	<b>31</b>
<b>CIRCLE K 2705138</b> Solid Waste Permit #: 11013	<b>2624 BROAD RIVER RD</b>	<b>NW 1/4 - 1/2 (0.352 mi.)</b>	<b>F23</b>	<b>39</b>

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

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

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	2341 BROAD RIVER RD	WNW 0 - 1/8 (0.112 mi.)	B12	19



## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

<u>Site Name</u>	<u>Database(s)</u>
RUSHMORE SITE	SEMS-ARCHIVE
DORIS DERRICK PROPERTY	LUST, UST
FORMER USA SERVICE STATION	LUST, UST, GWCI

# OVERVIEW MAP - 4857343.23S



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

⚡ Manufactured Gas Plants

☒ National Priority List Sites

☒ Dept. Defense Sites

☒ Indian Reservations BIA

⚡ County Boundary

⚡ Power transmission lines

⚡ Pipelines

▨ 100-year flood zone

▨ 500-year flood zone

▨ National Wetland Inventory

▨ State Wetlands

0 1/4 1/2 1 Miles

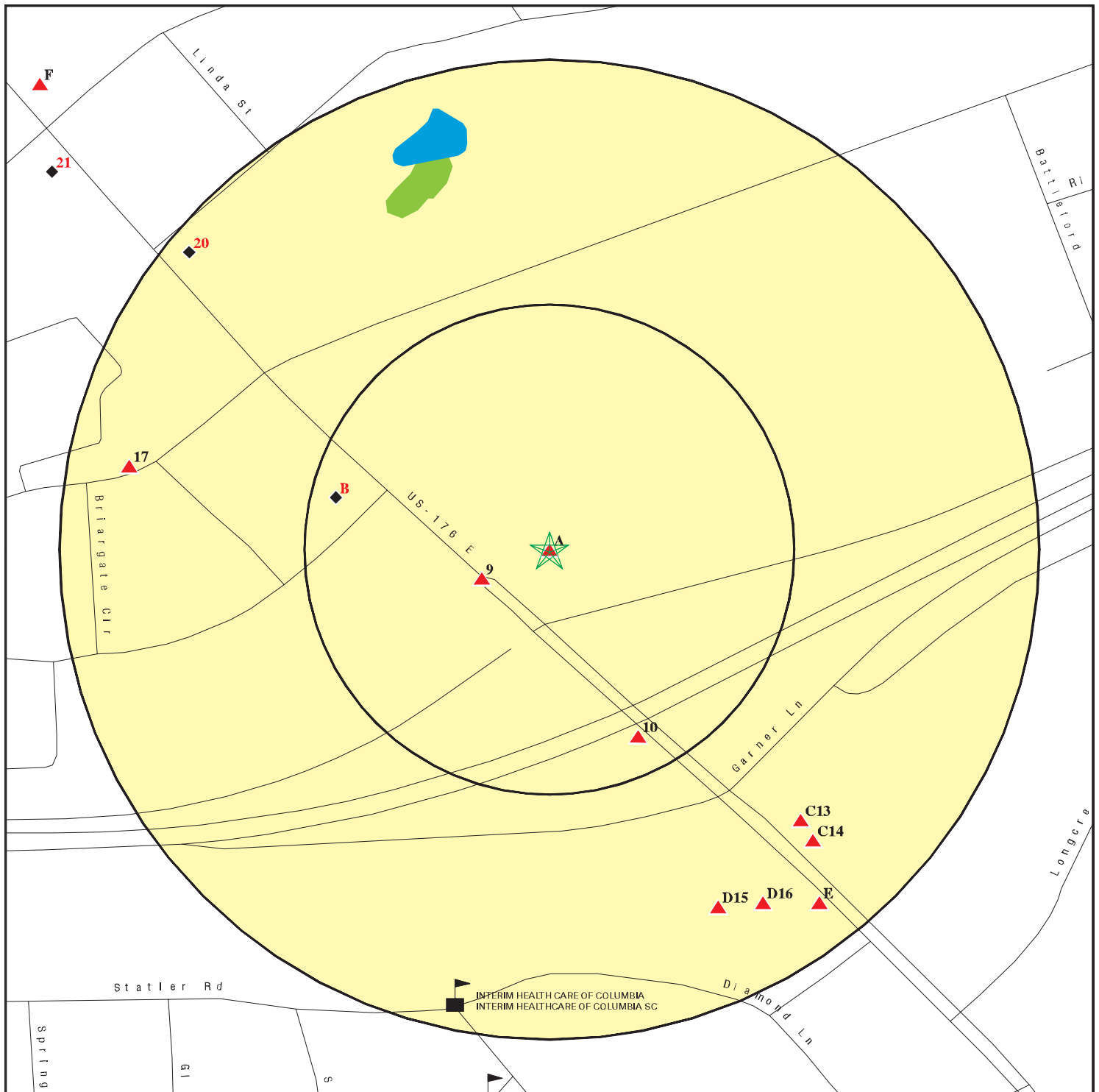
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: R07402-02-02  
ADDRESS: 2220 Broad River Road Columbia SC 29210-6730  
Columbia SC 29210  
LAT/LONG: 34.040614 / 81.0945

CLIENT: F&ME Consultants  
CONTACT: R. Wingard  
INQUIRY #: 4857343.23s  
DATE: February 17, 2017 1:42 pm



# DETAIL MAP - 4857343.23S



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- National Wetland Inventory
- State Wetlands

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

SITE NAME: R07402-02-02  
 ADDRESS: 2220 Broad River Road columbia SC 29210-6730  
 Columbia SC 29210  
 LAT/LONG: 34.040614 / 81.0945

CLIENT: F&ME Consultants  
 CONTACT: R. Wingard  
 INQUIRY #: 4857343.23s  
 DATE: February 17, 2017 1:43 pm

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250	1	0	1	NR	NR	NR	2
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS	1.000		0	0	0	8	NR	8
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500	1	2	5	5	NR	NR	13
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250	2	3	6	NR	NR	NR	11
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
RCR	0.500	1	0	2	2	NR	NR	5
AUL	0.500		0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
ALLSITES	0.500		0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	2	NR	NR	NR	NR	NR	2
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP	1	NR	NR	NR	NR	NR	1
GWCI	0.500	1	1	4	1	NR	NR	7
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
ABANDONED MINES	0.500		0	0	0	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ECHO	TP	1	NR	NR	NR	NR	NR	1

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA HWS	TP		NR	NR	NR	NR	NR	0
---------	----	--	----	----	----	----	----	---

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP	4	NR	NR	NR	NR	NR	4
- Totals --		14	7	19	8	8	0	56

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

A1  
Target  
Property

KENTS KORNER 21  
2220 BROAD RIVER RD  
COLUMBIA, SC

RGA LUST

S114813994  
N/A

Site 1 of 8 in cluster A

Actual:  
317 ft.

RGA LUST:

2012	KENTS KORNER 21	2220 BROAD RIVER RD
2011	KENTS KORNER 21	2220 BROAD RIVER RD
2010	KENTS KORNER 21	2220 BROAD RIVER RD
2009	KENTS KORNER 21	2220 BROAD RIVER RD
2008	KENTS KORNER 21	2220 BROAD RIVER RD
2007	KENTS KORNER 21	2220 BROAD RIVER RD
2006	KENTS KORNER 21	2220 BROAD RIVER RD
2005	KENTS KORNER 21	2220 BROAD RIVER RD
2004	KENTS KORNER 21	2220 BROAD RIVER RD
2003	KENTS KORNER 21	2220 BROAD RIVER RD
2002	KENTS KORNER 21	2220 BROAD RIVER RD
2000	KENTS KORNER 21	2220 BROAD RIVER RD

A2  
Target  
Property

R A S 45015  
2220 BROAD RIVER RD  
COLUMBIA, SC

UST

U004253750  
N/A

Site 2 of 8 in cluster A

Actual:  
317 ft.

UST:

Facility ID:	11892
Permit:	P 11892
Owner:	Not reported
Owner Address:	Not reported
Owner City, st, zip:	Not reported
Owner Phone:	Not reported
Tank ID:	Not reported
Status:	Not reported
Capacity:	Not reported
Product:	Not reported
Calcage:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A3**  
**Target**  
**Property**  
**KENTS KORNER #21**  
**2220 BROAD RIVER RD**  
**COLUMBIA, SC**

**RGA LUST** **S114813984**  
**N/A**

**Site 3 of 8 in cluster A**

**Actual:** RGA LUST:  
**317 ft.** 1999 KENTS KORNER #21 2220 BROAD RIVER RD

**A4**  
**Target**  
**Property**  
**R.A.S.45015**  
**2220 BROAD RIVER RD**  
**COLUMBIA, SC**

**RGA LUST** **S114818853**  
**N/A**

**Site 4 of 8 in cluster A**

**Actual:** RGA LUST:  
**317 ft.** 1998 R.A.S.45015 2220 BROAD RIVER RD  
1997 R.A.S.45015 2220 BROAD RIVER RD  
1996 R.A.S.45015 2220 BROAD RIVER RD  
1993 R.A.S.45015 2220 BROAD RIVER RD

**A5**  
**Target**  
**Property**  
**KENTS KORNER 21**  
**2220 BROAD RIVER RD**  
**COLUMBIA, SC 29210**

**FINDS** **1007245784**  
**N/A**

**Site 5 of 8 in cluster A**

**Actual:** FINDS:  
**317 ft.** Registry ID: 110017176535

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

**A6**  
**Target**  
**Property**  
**CIRCLE K 3105**  
**2220 BROAD RIVER RD**  
**COLUMBIA, SC**

**LUST** **U001539487**  
**UST** **N/A**  
**RCR**  
**Financial Assurance**  
**GWCI**

**Site 6 of 8 in cluster A**

**Actual:** LUST:  
**317 ft.** Release Number: 1  
Facility ID: 07648  
Release Status Number: 5  
Substance: PETRO  
Tank Owner Company Name: CIRCLE K STORES INC  
Tank Owner Last Name: CIRCLE K STORES INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CIRCLE K 3105 (Continued)**

**U001539487**

Tank Owner First name: Not reported  
NFA Date: 10/28/1998  
Tank Owner City: CHARLOTTE  
Confirmed Date: Not reported  
Release Date: 11/03/1989  
EID: 1741489  
Local Facility District: Columbia EQC Office  
SCRBCA Class Number: 4AA  
Release Fin Type Code: WS  
Qualified: Y  
Release Source: Not reported  
Local Fac Last Name: CIRCLE K 3105  
Local Fac First Name: Not reported  
User Name: MAYJM  
Cleanup Initiated Date: 11/03/1989  
Prefix: P  
Total Score: 538

**LUST:**

Release Date: 11/03/1989  
Cleanup Complete Date: Not reported  
Depth to Ground Water: Not reported  
Ground Water Flow Direction: Not reported  
Release Number: 1  
Confirmed date: 11/03/1989  
RP Name: EXXON MOBIL  
RP Address: 217 COUNTRY CLUB PARK PMB# 101  
RP City: BIRMINGHAM  
RP State: AL  
RP Zip: 35213-4237  
SCRBCA Class Code: CLASS4AA  
Project Manager: MAY, JULIE M  
Release Fin Type Code: WS

**UST:**

Facility ID: 07648  
Permit: P 07648  
Owner: CIRCLE K STORES INC  
Owner Address: 2440 WHITEHALL PARK DR STE 800  
Owner City, st, zip: CHARLOTTE NC 28273  
Owner Phone: 800-476-7574

Tank ID: 1  
**Status:** Abandoned  
Capacity: 6000  
Product: Gasoline  
Calcage: 0

Tank ID: 10  
**Status:** Currently in Use  
Capacity: 20000  
Product: Multiple petroleum  
Calcage: 0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CIRCLE K 3105 (Continued)**

**U001539487**

Tank ID:	2
<b>Status:</b>	<b>Abandoned</b>
Capacity:	6000
Product:	Gasoline
Calcage:	Not reported
Tank ID:	3
<b>Status:</b>	<b>Abandoned</b>
Capacity:	4000
Product:	Gasoline
Calcage:	Not reported
Tank ID:	4
<b>Status:</b>	<b>Abandoned</b>
Capacity:	550
Product:	Waste oil, burnt oil, used oil
Calcage:	Not reported
Tank ID:	5
<b>Status:</b>	<b>Abandoned</b>
Capacity:	12000
Product:	Gasoline
Calcage:	Not reported
Tank ID:	6
<b>Status:</b>	<b>Abandoned</b>
Capacity:	12000
Product:	Gasoline
Calcage:	Not reported
Tank ID:	7
<b>Status:</b>	<b>Abandoned</b>
Capacity:	12000
Product:	Gasoline
Calcage:	Not reported
Tank ID:	8
<b>Status:</b>	<b>Abandoned</b>
Capacity:	1000
Product:	Waste oil, burnt oil, used oil
Calcage:	Not reported
Tank ID:	9
<b>Status:</b>	<b>Abandoned</b>
Capacity:	1000
Product:	Not reported
Calcage:	Not reported

**RCR:**

Entity Responsibility: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CIRCLE K 3105 (Continued)**

**U001539487**

Region: Not reported  
Tax Id: R07402-02-02  
Latitude: 34.04032  
Longitude: -81.09452  
Tracking Number: 7648  
Regulatory Program: Not reported  
Reported: 11/03/89  
CU-MCL: 10/28/98  
Unit Type: Not reported  
Unit Number/Letter: Not reported  
Area/Acres: Not reported  
Affected Media: Not reported  
Site/Unit: Not reported  
Conditions: Not reported  
Associated Response/Corrective Action: Not reported  
Associated Chemicals Requiring: Not reported

**SC Financial Assurance 3:**

Owner Name: CIRCLE K STORES INC  
Owner Address: 2440 WHITEHALL PARK DR STE 80  
Owner City: CHARLOTTE  
Owner State: NC  
Owner Zip: 28273  
Mechanism: Guarantee  
Date Expired: 09/01/15  
Bill: 1  
RNU: 0  
Rel Number: N

**SC GWIC:**

Bureau: BLWM  
EAP ID: Not reported  
Solid Waste Permit #: Not reported  
Bureau of Land & Waste Management File #: Not reported  
Permit Number: 07648  
WPC Permit: Not reported  
Program: DUST  
Contamination: PETRO  
Petroleum Products: True  
Volatile Organic Compounds: False  
Metals: False  
Nitrates or Potential to Nitrate: False  
Pesticides & Herbicides: False  
Polychlorinated Biphenyls: False  
Base, Neutral, & Acid Extractables: False  
Phenols: False  
Radionuclides Over Max Contaminant Levels: False  
Sources Not In Other Categories: False  
Source: UST  
Underground Storage Tanks: True  
Pits, Ponds, & Lagoons: False  
Spills & Leaks: False  
Landfills: False  
Aboveground Storage Tank: False  
Spray Irrigation: False  
Single-Event Spill: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CIRCLE K 3105 (Continued)**

**U001539487**

Unpermitted Disposal: False  
Septic Tank/Tile Field: False  
Substances Not In Other Categories: False  
Sources of Contamination Undetermined: False  
Assessment: No  
Monitoring: Yes  
Remediation: No  
Surface Impact: No  
Drinking Water Well Impact: No  
Remarks: Site ID # 07648. RBCA Classification 4AA5. Inactive.

**A7  
Target  
Property**

**EXXON 4-5015  
2220 BROAD RIVER RD  
COLUMBIA, SC**

**RGA LUST S114809468  
N/A**

**Site 7 of 8 in cluster A**

**Actual:  
317 ft.**

RGA LUST: 1992 EXXON 4-5015 2220 BROAD RIVER RD

**A8  
Target  
Property**

**EXXON LOCATION 4 5015  
2220 BROAD RIVER ROAD  
COLUMBIA, SC 29210**

**RCRA-CESQG 1004780444  
FINDS SCD987578234  
ECHO**

**Site 8 of 8 in cluster A**

**Actual:  
317 ft.**

RCRA-CESQG:  
Date form received by agency: 02/11/1997  
Facility name: EXXON LOCATION 4 5015  
Facility address: 2220 BROAD RIVER ROAD  
COLUMBIA, SC 29210  
EPA ID: SCD987578234  
Mailing address: BELL ROOM 2753X  
HOUSTON, TX 77002  
Contact: ALDA S POOL  
Contact address: 800 BELL ROOM 2753X  
HOUSTON, TX 77002  
Contact country: US  
Contact telephone: (713) 656-7709  
Contact email: Not reported  
EPA Region: 04  
Classification: Conditionally Exempt Small Quantity Generator  
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON LOCATION 4 5015 (Continued)**

**1004780444**

Owner/Operator Summary:

Owner/operator name: EXXON COMPANY USA  
Owner/operator address: PO BOX 2180  
HOUSTON, TX 77252  
Owner/operator country: Not reported  
Owner/operator telephone: (999) 999-9999  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

. Waste code: D000  
. Waste name: Not Defined

. Waste code: D001  
. Waste name: IGNITABLE WASTE

. Waste code: D008  
. Waste name: LEAD

Violation Status: No violations found

**FINDS:**

Registry ID: 110004941038

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON LOCATION 4 5015 (Continued)**

**1004780444**

corrective action activities required under RCRA.

**ECHO:**

Envid: 1004780444  
Registry ID: 110004941038  
DFR URL: [http://echo.epa.gov/detailed\\_facility\\_report?fid=110004941038](http://echo.epa.gov/detailed_facility_report?fid=110004941038)

**9**  
**WSW**  
**< 1/8**  
**0.038 mi.**  
**198 ft.**

**PORT UNIT 288**  
**2224 BROAD RIVER RD**  
**COLUMBIA, SC**

**LUST** **U003524384**  
**UST** **N/A**  
**GWCI**  
**UIC**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**318 ft.**

Release Number: 1  
Facility ID: 07758  
Release Status Number: 3  
Substance: PETROL  
Tank Owner Company Name: SPEEDWAY LLC  
Tank Owner Last Name: SPEEDWAY LLC  
Tank Owner First name: Not reported  
NFA Date: Not reported  
Tank Owner City: ENON  
Confirmed Date: Not reported  
Release Date: 12/19/1989  
EID: 1742766  
Local Facility District: Columbia EQC Office  
SCRBCA Class Number: 2BA  
Release Fin Type Code: WS  
Qualified: Y  
Release Source: Not reported  
Local Fac Last Name: PORT UNIT 288  
Local Fac First Name: Not reported  
User Name: KUHNKM  
Cleanup Initiated Date: 06/04/1990  
Prefix: N  
Total Score: 300300

**LUST:**  
Release Date: 12/19/1989  
Cleanup Complete Date: Not reported  
Depth to Ground Water: 25.43  
Ground Water Flow Direction: N  
Release Number: 1  
Confirmed date: 06/04/1990  
RP Name: MARATHON ASHLAND PETROLEUM LLC  
RP Address: 539 S MAIN ST  
RP City: FINDLAY  
RP State: OH  
RP Zip: 45840  
SCRBCA Class Code: CLASS4BA  
Project Manager: FULMER, SUSAN B  
Release Fin Type Code: WS

**UST:**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PORT UNIT 288 (Continued)**

**U003524384**

Facility ID: 07758  
Permit: N 07758  
Owner: SPEEDWAY LLC  
Owner Address: 500 SPEEDWAY DR  
Owner City, st, zip: ENON OH 45323-1056  
Owner Phone: 336-767-6280

Tank ID: 1  
**Status: Abandoned**  
Capacity: 5000  
Product: Gasoline  
Calcage: 25

Tank ID: 2  
**Status: Abandoned**  
Capacity: 5000  
Product: Gasoline  
Calcage: 25

Tank ID: 3  
**Status: Abandoned**  
Capacity: 8000  
Product: Gasoline  
Calcage: 25

Tank ID: 4  
**Status: Abandoned**  
Capacity: 8000  
Product: Gasoline  
Calcage: 25

Tank ID: 5  
**Status: Abandoned**  
Capacity: 550  
Product: Waste oil, burnt oil, used oil  
Calcage: 25

SC GWIC:  
Bureau: BLWM  
EAP ID: Not reported  
Solid Waste Permit #: Not reported  
Bureau of Land & Waste Management File #: Not reported  
Permit Number: 07758  
WPC Permit: Not reported  
Program: DUST  
Contamination: PETRO  
Petroleum Products: True  
Volatile Organic Compounds: False  
Metals: False  
Nitrates or Potential to Nitrate: False  
Pesticides & Herbicides: False  
Polychlorinated Biphenyls: False  
Base, Neutral, & Acid Extractables: False



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PORT UNIT 288 (Continued)**

**U003524384**

Phenols: False  
Radionuclides Over Max Contaminant Levels: False  
Sources Not In Other Categories: False  
Source: UST  
Underground Storage Tanks: True  
Pits, Ponds, & Lagoons: False  
Spills & Leaks: False  
Landfills: False  
Aboveground Storage Tank: False  
Spray Irrigation: False  
Single-Event Spill: False  
Unpermitted Disposal: False  
Septic Tank/Tile Field: False  
Substances Not In Other Categories: False  
Sources of Contamination Undetermined: False  
Assessment: No  
Monitoring: No  
Remediation: Yes  
Surface Impact: No  
Drinking Water Well Impact: No  
Remarks: Site ID # 07758. RBCA Classification 2BA3. Monitored Natural Attenuation.

**UIC:**

Permit Number: SCHE03000042  
Facility Address 2: Not reported  
Permit Holder: EMRO MARKETING CORP  
Former Permit Number: 146  
Activity: Inactive  
Operator: Not reported  
Disposition: Closed

**10  
SSE  
< 1/8  
0.105 mi.  
557 ft.**

**TEXACO SERVICE  
BROAD RIVER & I 20  
COLUMBIA, SC**

**UST U003525830  
N/A**

**Relative:  
Higher**

**UST:**

Facility ID: 07628  
Permit: N 07628  
Owner: TEXACO USA  
Owner Address: PO BOX 4582  
Owner City, st, zip: ATLANTA GA 30302-4582  
Owner Phone: 404-321-4411

**Actual:  
317 ft.**

Tank ID: 1  
**Status:** Abandoned  
Capacity: 10000  
Product: Gasoline  
Calcage: Not reported

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO SERVICE (Continued)**

**U003525830**

Calclage: Not reported

Tank ID: 3  
**Status:** **Abandoned**  
Capacity: 6000  
Product: Gasoline  
Calclage: Not reported

Tank ID: 4  
**Status:** **Abandoned**  
Capacity: 1000  
Product: Fuel Oil  
Calclage: Not reported

Tank ID: 5  
**Status:** **Abandoned**  
Capacity: 550  
Product: Waste Oil  
Calclage: Not reported

**B11**  
**WNW**  
**< 1/8**  
**0.112 mi.**  
**592 ft.**

**YOKAHAMA TIRE**  
**2341 BROAD RIVER RD**  
**COLUMBIA, SC**

**LUST** **U003714870**  
**UST** **N/A**

**Site 1 of 2 in cluster B**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**316 ft.**

Release Number: 1  
Facility ID: 18544  
Release Status Number: Not reported  
Substance: PETRO  
Tank Owner Company Name: STURKIE, ALBERT  
Tank Owner Last Name: STURKIE  
Tank Owner First name: ALBERT  
NFA Date: 03/31/2000  
Tank Owner City: W COLUMBIA  
Confirmed Date: Not reported  
Release Date: 03/02/2000  
EID: 1797804  
Local Facility District: Columbia EQC Office  
SCRBCA Class Number: Not reported  
Release Fin Type Code: UNK  
Qualified: Not reported  
Release Source: Not reported  
Local Fac Last Name: YOKAHAMA TIRE  
Local Fac First Name: Not reported  
User Name: FANTRM  
Cleanup Initiated Date: 03/06/2000  
Prefix: N  
Total Score: Not reported

**UST:**

Facility ID: 18544  
Permit: N 18544

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**YOKAHAMA TIRE (Continued)**

**U003714870**

Owner: STURKIE  
Owner Address: 757 RAMBLIN RD  
Owner City, st, zip: W COLUMBIA SC 29170  
Owner Phone: 803-755-1735

Tank ID: 1  
**Status:** **Abandoned**  
Capacity: 128  
Product: Waste Oil  
Calclage: 25

**B12**  
**WNW**  
**< 1/8**  
**0.112 mi.**  
**592 ft.**

**2341 BROAD RIVER RD**  
**COLUMBIA, SC 29210**

**Site 2 of 2 in cluster B**

**EDR Hist Auto 1015349230**  
**N/A**

**Relative:**  
**Lower**

EDR Historical Auto Stations:

Name: CHAMPION AUTOMOTIVE SRVC CTR  
Year: 2004  
Address: 2341 BROAD RIVER RD

**Actual:**  
**316 ft.**

**C13**  
**SE**  
**1/8-1/4**  
**0.188 mi.**  
**995 ft.**

**SHEPPERDS TEXACO STATION**  
**2116 BROAD RIVER RD**  
**COLUMBIA, SC**

**Site 1 of 2 in cluster C**

**LUST U003525153**  
**UST N/A**

**Relative:**  
**Higher**

LUST:

Release Number: 1  
Facility ID: 07605  
Release Status Number: 3  
Substance: PETROL  
Tank Owner Company Name: TEXACO USA  
Tank Owner Last Name: TEXACO USA  
Tank Owner First name: Not reported  
NFA Date: 01/13/2014  
Tank Owner City: ATLANTA  
Confirmed Date: Not reported  
Release Date: 09/23/2008  
EID: 45412614  
Local Facility District: Columbia EQC Office  
SCRBCA Class Number: 3BF  
Release Fin Type Code: WS  
Qualified: Y  
Release Source: Not reported  
Local Fac Last Name: SHEPPERDS TEXACO STATION  
Local Fac First Name: Not reported  
User Name: FULMERSB  
Cleanup Initiated Date: 11/20/2008  
Prefix: N  
Total Score: 0

LUST:

Release Date: 09/23/2008  
Cleanup Complete Date: Not reported  
Depth to Ground Water: 47.67



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHEPPERDS TEXACO STATION (Continued)**

**U003525153**

Ground Water Flow Direction: NW  
Release Number: 1  
Confirmed date: 11/20/2008  
RP Name: CHEVRON TEXACO PRODUCTS  
RP Address: 2300 WINDY RIDGE PKWY SE STE 575S  
RP City: ATLANTA  
RP State: GA  
RP Zip: 30339-5673  
SCRBCA Class Code: CLASS3BF  
Project Manager: FULMER, SUSAN B  
Release Fin Type Code: WS

**UST:**

Facility ID: 07605  
Permit: N 07605  
Owner: TEXACO USA  
Owner Address: PO BOX 4582  
Owner City, st, zip: ATLANTA GA 30302-4582  
Owner Phone: 404-321-4411

Tank ID: 1  
**Status:** Abandoned  
Capacity: 10000  
Product: Gasoline  
Calcage: Not reported

Tank ID: 2  
**Status:** Abandoned  
Capacity: 10000  
Product: Gasoline  
Calcage: Not reported

Tank ID: 3  
**Status:** Abandoned  
Capacity: 6000  
Product: Gasoline  
Calcage: Not reported

Tank ID: 4  
**Status:** Abandoned  
Capacity: 550  
Product: Waste Oil  
Calcage: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C14**  
**SE**  
**1/8-1/4**  
**0.200 mi.**  
**1058 ft.**

**RACETRAC 978**  
**2114 BROAD RIVER RD**  
**COLUMBIA, SC**  
**Site 2 of 2 in cluster C**

**LUST**  
**UST**  
**Financial Assurance**  
**GWCI**

**U004019472**  
**N/A**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**326 ft.**

Release Number: 1  
Facility ID: 07910  
Release Status Number: 5  
Substance: PETROL  
Tank Owner Company Name: RACETRAC PETROLEUM INC  
Tank Owner Last Name: RACETRAC PETROLEUM INC  
Tank Owner First name: Not reported  
NFA Date: Not reported  
Tank Owner City: ATLANTA  
Confirmed Date: Not reported  
Release Date: 12/12/1991  
EID: 57360726  
Local Facility District: Columbia EQC Office  
SCRBCA Class Number: 4AA  
Release Fin Type Code: ENQ  
Qualified: Not reported  
Release Source: Not reported  
Local Fac Last Name: RACETRAC 978  
Local Fac First Name: Not reported  
User Name: KUHNKM  
Cleanup Initiated Date: 03/23/1992  
Prefix: R  
Total Score: 3280

LUST:

Release Date: 04/01/2010  
Cleanup Complete Date: 10/05/2010  
Depth to Ground Water: 39.60  
Ground Water Flow Direction: Not reported  
Release Number: 2  
Confirmed date: 04/28/2010  
RP Name: RACETRAC PETROLEUM INC  
RP Address: 3225 CUMBERLAND BLVD STE 100  
RP City: ATLANTA  
RP State: GA  
RP Zip: 30339  
SCRBCA Class Code: CLASS4AA  
Project Manager: SHRADER, ART A  
Release Fin Type Code: ENQ

Release Date: 12/12/1991  
Cleanup Complete Date: Not reported  
Depth to Ground Water: 35.64  
Ground Water Flow Direction: W  
Release Number: 1  
Confirmed date: 03/23/1992  
RP Name: RACETRAC PETROLEUM INC  
RP Address: 300 TECHNOLOGY CT  
RP City: SMYRNA  
RP State: GA  
RP Zip: 30082  
SCRBCA Class Code: CLASS3BA  
Project Manager: FULMER, SUSAN B

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RACETRAC 978 (Continued)**

**U004019472**

Release Fin Type Code: WS

Release Number: 2  
Facility ID: 07910  
Release Status Number: 5  
Substance: PETROL  
Tank Owner Company Name: RACETRAC PETROLEUM INC  
Tank Owner Last Name: RACETRAC PETROLEUM INC  
Tank Owner First name: Not reported  
NFA Date: 10/05/2010  
Tank Owner City: ATLANTA  
Confirmed Date: Not reported  
Release Date: 04/01/2010  
EID: 57360726  
Local Facility District: Columbia EQC Office  
SCRBCA Class Number: 4AA  
Release Fin Type Code: ENQ  
Qualified: Not reported  
Release Source: Not reported  
Local Fac Last Name: RACETRAC 978  
Local Fac First Name: Not reported  
User Name: SHRADEAA  
Cleanup Initiated Date: 04/28/2010  
Prefix: R  
Total Score: 41

**LUST:**

Release Date: 04/01/2010  
Cleanup Complete Date: 10/05/2010  
Depth to Ground Water: 39.60  
Ground Water Flow Direction: Not reported  
Release Number: 2  
Confirmed date: 04/28/2010  
RP Name: RACETRAC PETROLEUM INC  
RP Address: 3225 CUMBERLAND BLVD STE 100  
RP City: ATLANTA  
RP State: GA  
RP Zip: 30339  
SCRBCA Class Code: CLASS4AA  
Project Manager: SHRADER, ART A  
Release Fin Type Code: ENQ

Release Date: 12/12/1991  
Cleanup Complete Date: Not reported  
Depth to Ground Water: 35.64  
Ground Water Flow Direction: W  
Release Number: 1  
Confirmed date: 03/23/1992  
RP Name: RACETRAC PETROLEUM INC  
RP Address: 300 TECHNOLOGY CT  
RP City: SMYRNA  
RP State: GA  
RP Zip: 30082  
SCRBCA Class Code: CLASS3BA  
Project Manager: FULMER, SUSAN B  
Release Fin Type Code: WS



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RACETRAC 978 (Continued)**

**U004019472**

UST:

Facility ID: 07910  
Permit: R 07910  
Owner: RACETRAC PETROLEUM INC  
Owner Address: 3225 CUMBERLAND BLVD  
Owner City, st, zip: ATLANTA GA 30339-5971  
Owner Phone: 770-431-7600

Tank ID: 1  
**Status:** **Extended Out-of-Use**  
Capacity: 11300  
Product: Gasoline RUL  
Calcage: 5

Tank ID: 2  
**Status:** **Extended Out-of-Use**  
Capacity: 11300  
Product: Gasoline Super/Prem  
Calcage: 5

Tank ID: 3  
**Status:** **Abandoned**  
Capacity: 11300  
Product: Gasoline  
Calcage: 5

Tank ID: 4  
**Status:** **Extended Out-of-Use**  
Capacity: 11300  
Product: Diesel fuel  
Calcage: 5

SC Financial Assurance 3:

Owner Name: RACETRAC PETROLEUM INC  
Owner Address: 3225 CUMBERLAND BLVD STE 100  
Owner City: ATLANTA  
Owner State: GA  
Owner Zip: 30339  
Mechanism: Self Insurance 280.95  
Date Expired: 01/21/16  
Bill: 3  
RNU: 0  
Rel Number: N

SC GWIC:

Bureau: BLWM  
EAP ID: Not reported  
Solid Waste Permit #: Not reported  
Bureau of Land & Waste Management File #: Not reported  
Permit Number: 07910  
WPC Permit: Not reported  
Program: DUST  
Contamination: PETRO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RACETRAC 978 (Continued)**

**U004019472**

Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 07910. RBCA Classification 3BA1. Conducting investigation/Risk Assessment.

D15  
SSE  
1/8-1/4  
0.202 mi.  
1064 ft.

**GULF SERVICE STATION**  
**2123 BROAD RIVER RD**  
**COLUMBIA, SC**

**Site 1 of 2 in cluster D**

**UST U004253559**  
**N/A**

**Relative:**  
**Higher**

UST:

**Actual:**  
**327 ft.**

Facility ID:	11060
Permit:	P 11060
Owner:	Not reported
Owner Address:	Not reported
Owner City, st, zip:	Not reported
Owner Phone:	Not reported

Tank ID:	Not reported
<b>Status:</b>	<b>Not reported</b>
Capacity:	Not reported
Product:	Not reported
Calcage:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**D16**  
**SSE**  
**1/8-1/4**  
**0.211 mi.**  
**1112 ft.**  
**GULF SERVICE STATION**  
**2123 BROAD RIVER RD**  
**COLUMBIA, SC**  
**Site 2 of 2 in cluster D**

**LUST**  
**UST**  
**GWCI**  
**U003521988**  
**N/A**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**330 ft.**

Release Number: 1  
Facility ID: 07342  
Release Status Number: 3  
Substance: PETROL  
Tank Owner Company Name: BP OIL INC  
Tank Owner Last Name: BP OIL INC  
Tank Owner First name: Not reported  
NFA Date: Not reported  
Tank Owner City: ALPHARETTA  
Confirmed Date: Not reported  
Release Date: 06/30/1993  
EID: 1739478  
Local Facility District: Columbia EQC Office  
SCRBCA Class Number: 4AA  
Release Fin Type Code: WS  
Qualified: Y  
Release Source: Not reported  
Local Fac Last Name: GULF SERVICE STATION  
Local Fac First Name: Not reported  
User Name: MENDENJE  
Cleanup Initiated Date: 11/10/1994  
Prefix: N  
Total Score: 557  
  
LUST:  
Release Date: 06/30/1993  
Cleanup Complete Date: Not reported  
Depth to Ground Water: 32.78  
Ground Water Flow Direction: S  
Release Number: 1  
Confirmed date: 11/10/1994  
RP Name: BP PRODUCTS OF NORTH AMERICA  
RP Address: 501 WESTLAKE PKWY BLVD STE 20.107C  
RP City: HOUSTON  
RP State: TX  
RP Zip: 77079  
SCRBCA Class Code: CLASS4AA  
Project Manager: FULMER, SUSAN B  
Release Fin Type Code: WS

UST:

Facility ID: 07342  
Permit: N 07342  
Owner: BP OIL INC  
Owner Address: Not reported  
Owner City, st, zip: ALPHARETTA GA 30004-4811  
Owner Phone: 770-576-3082  
  
Tank ID: 1  
**Status:** **Abandoned**  
Capacity: 6000



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GULF SERVICE STATION (Continued)**

**U003521988**

Product:	Gasoline
Calcage:	Not reported
Tank ID:	10
Status:	<b>Abandoned</b>
Capacity:	550
Product:	Waste oil, burnt oil, used oil
Calcage:	Not reported
Tank ID:	2
Status:	<b>Abandoned</b>
Capacity:	6000
Product:	Gasoline
Calcage:	Not reported
Tank ID:	3
Status:	<b>Abandoned</b>
Capacity:	6000
Product:	Gasoline
Calcage:	Not reported
Tank ID:	4
Status:	<b>Abandoned</b>
Capacity:	8000
Product:	Gasoline
Calcage:	Not reported
Tank ID:	5
Status:	<b>Abandoned</b>
Capacity:	10000
Product:	Diesel fuel
Calcage:	Not reported
Tank ID:	6
Status:	<b>Abandoned</b>
Capacity:	10000
Product:	Gasoline
Calcage:	Not reported
Tank ID:	7
Status:	<b>Abandoned</b>
Capacity:	10000
Product:	Gasoline
Calcage:	Not reported
Tank ID:	8
Status:	<b>Abandoned</b>
Capacity:	10000
Product:	Gasoline

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GULF SERVICE STATION (Continued)**

**U003521988**

Calcage: Not reported

Tank ID: 9  
**Status:** **Abandoned**  
Capacity: 1000  
Product: Diesel fuel  
Calcage: Not reported

**SC GWIC:**

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	07342
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 07342. RBCA Classification 4AA7. Approved Monitored Natural Attenuation (MNA Awaits).

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

17  
WNW  
1/8-1/4  
0.219 mi.  
1154 ft.

**COLUMBIA FIRE DEPT ST ANDREWS**  
**1225 BRIARGATE CIR**  
**COLUMBIA, SC**

**LUST**  
**UST**  
**RCR**  
**GWCI**

**U003930955**  
**N/A**

**Relative:**  
**Higher**

**LUST:**

Release Number: 1  
Facility ID: 07326  
Release Status Number: 3  
Substance: PETRO  
Tank Owner Company Name: COLUMBIA FIRE DEPT  
Tank Owner Last Name: COLUMBIA FIRE DEPT  
Tank Owner First name: Not reported  
NFA Date: 09/28/2006  
Tank Owner City: COLUMBIA  
Confirmed Date: Not reported  
Release Date: 06/28/1993  
EID: 1739344  
Local Facility District: Columbia EQC Office  
SCRBCA Class Number: 3AA  
Release Fin Type Code: DS  
Qualified: Y  
Release Source: Not reported  
Local Fac Last Name: COLUMBIA FIRE DEPT ST ANDREWS  
Local Fac First Name: Not reported  
User Name: FULMERSB  
Cleanup Initiated Date: 01/30/1995  
Prefix: N  
Total Score: 45

**LUST:**

Release Date: 06/28/1993  
Cleanup Complete Date: Not reported  
Depth to Ground Water: 15.71  
Ground Water Flow Direction: NE  
Release Number: 1  
Confirmed date: 01/30/1995  
RP Name: COLUMBIA FIRE DEPT CENTRAL  
RP Address: 1001 SENATE ST  
RP City: COLUMBIA  
RP State: SC  
RP Zip: 29201  
SCRBCA Class Code: CLASS3AA  
Project Manager: FULMER, SUSAN B  
Release Fin Type Code: DS

**UST:**

Facility ID: 07326  
Permit: N 07326  
Owner: COLUMBIA FIRE DEPT  
Owner Address: 1800 LAUREL ST  
Owner City, st, zip: COLUMBIA SC 29201-2627  
Owner Phone: 803-733-8355

Tank ID: 1  
**Status:** **Abandoned**  
Capacity: 560



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COLUMBIA FIRE DEPT ST ANDREWS (Continued)**

**U003930955**

Product: Gasoline  
Calclage: 20

**RCR:**

Entity Responsibility: Not reported  
Region: Not reported  
Tax Id: R07403-05-06  
Latitude: 34.04167  
Longitude: -81.09815  
Tracking Number: 7326  
Regulatory Program: Not reported  
Reported: 06/28/93  
CU-MCL: 09/28/06  
Unit Type: Not reported  
Unit Number/Letter: Not reported  
Area/Acres: Not reported  
Affected Media: Not reported  
Site/Unit: Not reported  
Conditions: Not reported  
Associated Response/Corrective Action: Not reported  
Associated Chemicals Requiring: Not reported

**SC GWIC:**

Bureau: BLWM  
EAP ID: Not reported  
Solid Waste Permit #: Not reported  
Bureau of Land & Waste Management File #: Not reported  
Permit Number: 07326  
WPC Permit: Not reported  
Program: DUST  
Contamination: PETRO  
Petroleum Products: True  
Volatile Organic Compounds: False  
Metals: False  
Nitrates or Potential to Nitrate: False  
Pesticides & Herbicides: False  
Polychlorinated Biphenyls: False  
Base, Neutral, & Acid Extractables: False  
Phenols: False  
Radionuclides Over Max Contaminant Levels: False  
Sources Not In Other Categories: False  
Source: UST  
Underground Storage Tanks: True  
Pits, Ponds, & Lagoons: False  
Spills & Leaks: False  
Landfills: False  
Aboveground Storage Tank: False  
Spray Irrigation: False  
Single-Event Spill: False  
Unpermitted Disposal: False  
Septic Tank/Tile Field: False  
Substances Not In Other Categories: False  
Sources of Contamination Undetermined: False  
Assessment: No  
Monitoring: No  
Remediation: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COLUMBIA FIRE DEPT ST ANDREWS (Continued)**

**U003930955**

Surface Impact: No  
Drinking Water Well Impact: No  
Remarks: Site ID # 07326. RBCA Classification 3AA3. Monitored Natural Attenuation.

**E18  
SE  
1/8-1/4  
0.227 mi.  
1197 ft.**

**MCQUIK'S #9660  
2121 BROAD RIVERS ROAD  
COLUMBIA, SC 29210**

**RCRA NonGen / NLR**

**1000461882  
SCD987577814**

**Site 1 of 2 in cluster E**

**Relative:  
Higher**

RCRA NonGen / NLR:

Date form received by agency: 02/21/2002

Facility name: MCQUIK'S #9660

Facility address: 2121 BROAD RIVERS ROAD  
COLUMBIA, SC 29210

EPA ID: SCD987577814

Mailing address: BROAD RIVERS ROAD  
COLUMBIA, SC 29210

Contact: DENNIS-MGR. DOUGLAS

Contact address: 2121 BROAD RIVERS ROAD  
COLUMBIA, SC 29210

Contact country: US

Contact telephone: (803) 772-3721

Contact email: Not reported

EPA Region: 04

Land type: Private

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: SOUTHEAST LUBE, INC.

Owner/operator address: 2121 BROAD RIVERS ROAD  
COLUMBIA, SC 29210

Owner/operator country: Not reported

Owner/operator telephone: (999) 999-9999

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Used oil Specification marketer: No

Used oil transfer facility: No

Used oil transporter: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MCQUIK'S #9660 (Continued)**

**1000461882**

. Waste code: D000  
. Waste name: Not Defined

. Waste code: D008  
. Waste name: LEAD

. Waste code: D018  
. Waste name: BENZENE

Historical Generators:

Date form received by agency: 10/30/1990  
Site name: MCQUIK'S #9660  
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 02/20/2002  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

**E19  
SE  
1/8-1/4  
0.227 mi.  
1197 ft.**

**MCQUIKS OILUBE  
2121 BROAD RIVER RD  
COLUMBIA, SC  
Site 2 of 2 in cluster E**

**LUST U004016932  
UST N/A  
RCR  
GWCI**

**Relative:  
Higher**

LUST:

Release Number: 1  
Facility ID: 10130  
Release Status Number: 3  
Substance: PETRO  
Tank Owner Company Name: SOUTHEAST LUBE INC  
Tank Owner Last Name: SOUTHEAST LUBE INC  
Tank Owner First name: Not reported  
NFA Date: 11/05/2013  
Tank Owner City: COLUMBIA  
Confirmed Date: Not reported  
Release Date: 10/03/1995  
EID: 1757567  
Local Facility District: Columbia EQC Office  
SCRBCA Class Number: 4AA  
Release Fin Type Code: WS  
Qualified: Y  
Release Source: Not reported  
Local Fac Last Name: MCQUIKS OILUBE  
Local Fac First Name: Not reported  
User Name: FULMERSB  
Cleanup Initiated Date: 11/14/1995  
Prefix: P  
Total Score: 1066

LUST:

Release Date: 10/03/1995  
Cleanup Complete Date: Not reported  
Depth to Ground Water: 38.35



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MCQUIKS OILUBE (Continued)**

**U004016932**

Ground Water Flow Direction: NW  
Release Number: 1  
Confirmed date: 11/14/1995  
RP Name: SOUTHEAST LUBE INC  
RP Address: PO BOX 210829  
RP City: COLUMBIA  
RP State: SC  
RP Zip: 29221-0829  
SCRBCA Class Code: CLASS4AA  
Project Manager: FULMER, SUSAN B  
Release Fin Type Code: WS

**UST:**

Facility ID: 10130  
Permit: P 10130  
Owner: SOUTHEAST LUBE INC  
Owner Address: PO BOX 210829  
Owner City, st, zip: COLUMBIA SC 29221-0829  
Owner Phone: - -

Tank ID: 1  
**Status:** **Abandoned**  
Capacity: 4000  
Product: Motor oil, lube oil, hydraulic oil (new)  
Calcage: Not reported

Tank ID: 2  
**Status:** **Abandoned**  
Capacity: 4000  
Product: Motor oil, lube oil, hydraulic oil (new)  
Calcage: Not reported

Tank ID: 3  
**Status:** **Abandoned**  
Capacity: 4000  
Product: Waste oil, burnt oil, used oil  
Calcage: Not reported

**RCR:**

Entity Responsibility: Not reported  
Region: Not reported  
Tax Id: R07402-04-14  
Latitude: 34.03759  
Longitude: -81.09252  
Tracking Number: 10130  
Regulatory Program: Not reported  
Reported: 10/03/95  
CU-MCL: 11/05/13  
Unit Type: Not reported  
Unit Number/Letter: Not reported  
Area/Acres: Not reported  
Affected Media: Not reported  
Site/Unit: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MCQUIKS OILUBE (Continued)**

**U004016932**

Conditions: Not reported  
Associated Response/Corrective Action: Not reported  
Associated Chemicals Requiring: Not reported

**SC GWIC:**

Bureau: BLWM  
EAP ID: Not reported  
Solid Waste Permit #: Not reported  
Bureau of Land & Waste Management File #: Not reported  
Permit Number: 10130  
WPC Permit: Not reported  
Program: DUST  
Contamination: PETRO  
Petroleum Products: True  
Volatile Organic Compounds: False  
Metals: False  
Nitrates or Potential to Nitrate: False  
Pesticides & Herbicides: False  
Polychlorinated Biphenyls: False  
Base, Neutral, & Acid Extractables: False  
Phenols: False  
Radionuclides Over Max Contaminant Levels: False  
Sources Not In Other Categories: False  
Source: UST  
Underground Storage Tanks: True  
Pits, Ponds, & Lagoons: False  
Spills & Leaks: False  
Landfills: False  
Aboveground Storage Tank: False  
Spray Irrigation: False  
Single-Event Spill: False  
Unpermitted Disposal: False  
Septic Tank/Tile Field: False  
Substances Not In Other Categories: False  
Sources of Contamination Undetermined: False  
Assessment: Yes  
Monitoring: No  
Remediation: No  
Surface Impact: No  
Drinking Water Well Impact: No  
Remarks: Site ID # 10130. RBCA Classification 4AA1. Conducting investigation/Risk Assessment.

**20  
NW  
1/8-1/4  
0.238 mi.  
1258 ft.**

**AAMCO TRANSMISSIONS  
2428 BROAD RIVER RD  
COLUMBIA, SC 29210**

**RCRA-CESQG 1001120764  
FINDS SCR000003491  
ECHO**

**Relative:  
Lower**

RCRA-CESQG:  
Date form received by agency: 04/18/2008  
Facility name: CAROLINA INDUSTRIAL INC  
Facility address: 2428 BROAD RIVER RD  
COLUMBIA, SC 29210  
EPA ID: SCR000003491  
Mailing address: BROAD RIVER RD  
COLUMBIA, SC 29210

**Actual:  
308 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AAMCO TRANSMISSIONS (Continued)**

**1001120764**

Contact: JAMES CHU  
Contact address: BROAD RIVER RD  
COLUMBIA, SC 29210  
Contact country: US  
Contact telephone: (803) 798-6130  
Contact email: Not reported  
EPA Region: 04  
Classification: Conditionally Exempt Small Quantity Generator  
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

**Owner/Operator Summary:**

Owner/operator name: ROMAN JASKIN  
Owner/operator address: 646 HARRISON BR RD  
SIMPSONVILLE, SC 29684  
Owner/operator country: Not reported  
Owner/operator telephone: (999) 999-9999  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 03/01/1999  
Owner/Op end date: Not reported

Owner/operator name: ROMAN JASKIN  
Owner/operator address: 646 HARRISON BR RD  
SIMPSONVILLE, SC 29684  
Owner/operator country: Not reported  
Owner/operator telephone: (999) 999-9999  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 03/01/1999  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AAMCO TRANSMISSIONS (Continued)**

**1001120764**

Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

. Waste code: D006  
. Waste name: CADMIUM

. Waste code: D008  
. Waste name: LEAD

. Waste code: D018  
. Waste name: BENZENE

. Waste code: D035  
. Waste name: METHYL ETHYL KETONE

. Waste code: D039  
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040  
. Waste name: TRICHLORETHYLENE

**Historical Generators:**

Date form received by agency: 03/11/2002  
Site name: AAMCO TRANSMISSIONS  
Classification: Small Quantity Generator

. Waste code: D006  
. Waste name: CADMIUM

. Waste code: D008  
. Waste name: LEAD

. Waste code: D018  
. Waste name: BENZENE

. Waste code: D035  
. Waste name: METHYL ETHYL KETONE

. Waste code: D039  
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040  
. Waste name: TRICHLORETHYLENE

Date form received by agency: 07/23/1996  
Site name: AAMCO TRANSMISSIONS  
Classification: Small Quantity Generator

Violation Status: No violations found

**FINDS:**

Registry ID: 110004942750

Environmental Interest/Information System

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AAMCO TRANSMISSIONS (Continued)**

**1001120764**

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**ECHO:**

Envid: 1001120764  
Registry ID: 110004942750  
DFR URL: [http://echo.epa.gov/detailed\\_facility\\_report?fid=110004942750](http://echo.epa.gov/detailed_facility_report?fid=110004942750)

**21  
NW  
1/4-1/2  
0.319 mi.  
1683 ft.**

**CONSTAN INC  
2505 BROAD RIVER RD  
COLUMBIA, SC**

**LUST U003520462  
UST N/A**

**Relative:  
Lower**

**LUST:**

Release Number: 1  
Facility ID: 07925  
Release Status Number: Not reported  
Substance: PETRO  
Tank Owner Company Name: HARMON OIL CO  
Tank Owner Last Name: HARMON OIL CO  
Tank Owner First name: Not reported  
NFA Date: 04/28/1995  
Tank Owner City: LEXINGTON  
Confirmed Date: Not reported  
Release Date: 06/27/1991  
EID: 1743955  
Local Facility District: Columbia EQC Office  
SCRBCA Class Number: Not reported  
Release Fin Type Code: UNK  
Qualified: Not reported  
Release Source: Not reported  
Local Fac Last Name: CONSTAN INC  
Local Fac First Name: Not reported  
User Name: STOUEDEW  
Cleanup Initiated Date: 04/28/1995  
Prefix: N  
Total Score: Not reported

**Actual:  
315 ft.**

**UST:**

Facility ID: 07925  
Permit: N 07925  
Owner: HARMON OIL CO  
Owner Address: 111 HAMILTON ST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONSTAN INC (Continued)**

**U003520462**

Owner City, st, zip: LEXINGTON SC 29071-1417  
Owner Phone: 803-359-4305

Tank ID: 1  
**Status:** **Abandoned**  
Capacity: 10000  
Product: Gasoline  
Calcage: 15

Tank ID: 2  
**Status:** **Abandoned**  
Capacity: 10000  
Product: Gasoline  
Calcage: 15

Tank ID: 3  
**Status:** **Abandoned**  
Capacity: 10000  
Product: Gasoline  
Calcage: 15

**F22**  
**NW**  
**1/4-1/2**  
**0.352 mi.**  
**1860 ft.**

**CIRCLE K 2705138**  
**2624 BROAD RIVER RD**  
**COLUMBIA, SC**

**Site 1 of 2 in cluster F**

**LUST** **U004253539**  
**UST** **N/A**

**Relative:**  
**Higher**

**Actual:**  
**319 ft.**

LUST:  
Release Number: 1  
Facility ID: 11013  
Release Status Number: 3  
Substance: PETRO  
Tank Owner Company Name: CIRCLE K STORES INC  
Tank Owner Last Name: CIRCLE K STORES INC  
Tank Owner First name: Not reported  
NFA Date: 07/17/2012  
Tank Owner City: CHARLOTTE  
Confirmed Date: Not reported  
Release Date: 03/17/1999  
EID: 1762593  
Local Facility District: Columbia EQC Office  
SCRBCA Class Number: 4AA  
Release Fin Type Code: WS  
Qualified: Y  
Release Source: Not reported  
Local Fac Last Name: CIRCLE K 2705138  
Local Fac First Name: Not reported  
User Name: FULMERSB  
Cleanup Initiated Date: 04/15/1999  
Prefix: P  
Total Score: 150

LUST:  
Release Date: 03/17/1999  
Cleanup Complete Date: Not reported  
Depth to Ground Water: 29.44



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CIRCLE K 2705138 (Continued)**

**U004253539**

Ground Water Flow Direction: NE  
Release Number: 1  
Confirmed date: 04/15/1999  
RP Name: TOSCO MARKETING COMPANY  
RP Address: 5650 BRECKENRIDGE PKWY STE 300  
RP City: TAMPA  
RP State: FL  
RP Zip: 33610  
SCRBCA Class Code: CLASS4AA  
Project Manager: FULMER, SUSAN B  
Release Fin Type Code: WS

**UST:**

Facility ID: 11013  
Permit: P 11013  
Owner: CIRCLE K STORES INC  
Owner Address: 2440 WHITEHALL PARK DR STE 800  
Owner City, st, zip: CHARLOTTE NC 28273  
Owner Phone: 800-476-7574

Tank ID: 1  
**Status:** Abandoned  
Capacity: 10000  
Product: Gasoline  
Calcage: 0

Tank ID: 2  
**Status:** Abandoned  
Capacity: 10000  
Product: Gasoline  
Calcage: 0

Tank ID: 3  
**Status:** Abandoned  
Capacity: 10000  
Product: Gasoline  
Calcage: 0

Tank ID: 4  
**Status:** Abandoned  
Capacity: 1000  
Product: Waste oil, burnt oil, used oil  
Calcage: 60

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**F23**  
**NW**  
**1/4-1/2**  
**0.352 mi.**  
**1860 ft.**

**CIRCLE K 2705138**  
**2624 BROAD RIVER RD**  
**COLUMBIA, SC 29210**

**Site 2 of 2 in cluster F**

**RCR**  
**Financial Assurance**  
**GWCI**

**U003666055**  
**N/A**

**Relative:**  
**Higher**

RCR:

**Actual:**  
**319 ft.**

Entity Responsibility: Not reported  
Region: Not reported  
Tax Id: R06015-03-04  
Latitude: 34.04377  
Longitude: -81.09909  
Tracking Number: 11013  
Regulatory Program: Not reported  
Reported: 03/17/99  
CU-MCL: 07/17/12  
Unit Type: Not reported  
Unit Number/Letter: Not reported  
Area/Acres: Not reported  
Affected Media: Not reported  
Site/Unit: Not reported  
Conditions: Not reported  
Associated Response/Corrective Action: Not reported  
Associated Chemicals Requiring: Not reported

SC Financial Assurance 3:

Owner Name: C K ACQUISITION LLC  
Owner Address: 4701 N MAIN ST  
Owner City: COLUMBIA  
Owner State: SC  
Owner Zip: 29223  
Mechanism: Self Insurance 280.101  
Date Expired: 05/01/15  
Bill: 2  
RNU: 0  
Rel Number: N

SC GWIC:

Bureau: BLWM  
EAP ID: Not reported  
Solid Waste Permit #: Not reported  
Bureau of Land & Waste Management File #: Not reported  
Permit Number: 11013  
WPC Permit: Not reported  
Program: DUST  
Contamination: PETRO  
Petroleum Products: True  
Volatile Organic Compounds: False  
Metals: False  
Nitrates or Potential to Nitrate: False  
Pesticides & Herbicides: False  
Polychlorinated Biphenyls: False  
Base, Neutral, & Acid Extractables: False  
Phenols: False  
Radionuclides Over Max Contaminant Levels: False  
Sources Not In Other Categories: False  
Source: UST  
Underground Storage Tanks: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CIRCLE K 2705138 (Continued)**

**U003666055**

Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 11013. RBCA Classification 2BB1. Conducting investigation/Risk Assessment.

**24**  
**South**  
**1/4-1/2**  
**0.424 mi.**  
**2240 ft.**

**FRASIER TIRE SERVICE**  
**828 DUTCH SQUARE BLVD**  
**COLUMBIA, SC**

**LUST** **U004017560**  
**UST** **N/A**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**310 ft.**

Release Number:	1
Facility ID:	14101
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	GOODYEAR TIRE & RUBBER
Tank Owner Last Name:	GOODYEAR TIRE & RUBBER CO
Tank Owner First name:	Not reported
NFA Date:	04/06/1995
Tank Owner City:	AKRON
Confirmed Date:	Not reported
Release Date:	09/16/1994
EID:	1777024
Local Facility District:	Columbia EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	FRASIER TIRE SERVICE
Local Fac First Name:	Not reported
User Name:	STOUDEDW
Cleanup Initiated Date:	12/06/1994
Prefix:	N
Total Score:	Not reported

**UST:**

Facility ID:	14101
Permit:	N 14101
Owner:	GOODYEAR TIRE & RUBBER CO
Owner Address:	1144 E MARKET ST
Owner City, st, zip:	AKRON OH 44316
Owner Phone:	216-796-2121



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FRASIER TIRE SERVICE (Continued)**

**U004017560**

Tank ID: 1  
**Status:** Abandoned  
Capacity: 300  
Product: Waste Oil  
Calcage: 20

**25**  
**SSE**  
**1/4-1/2**  
**0.451 mi.**  
**2382 ft.**

**FORMER USA SERVICE STATION**  
**DUTCH SQUARE MALL**  
**COLUMBIA, SC 29210**

**RCR** **1007226839**  
**FINDS** **N/A**

**Relative:**  
**Higher**

**RCR:**

Entity Responsibility: Mar A Lowe Corp  
Region: 3  
Tax Id: 07405-09-01  
Latitude: 34.03496  
Longitude: -81.09053  
Tracking Number: 16612  
Regulatory Program: UST  
Reported: 05/31/94  
CU-MCL: 09/15/98  
Unit Type: UST  
Unit Number/Letter: 1  
Area/Acres: Not reported  
Affected Media: Groundwater  
Site/Unit: Regulated Petroleum Underground Storage Tank Location  
Conditions: Public Noticed Corrective Action Plan  
Associated Response/Corrective Action: Not reported  
Associated Chemicals Requiring: Benzene MTBE

**Actual:**  
**329 ft.**

**FINDS:**

Registry ID: 110016979796

**Environmental Interest/Information System**

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

**26**  
**SSW**  
**1/4-1/2**  
**0.469 mi.**  
**2478 ft.**

**PENSKE AUTO CENTER KMART**  
**99 N ARROWOOD RD**  
**COLUMBIA, SC**

**LUST** **U004019444**  
**UST** **N/A**

**Relative:**  
**Lower**

**LUST:**

Release Number: 1  
Facility ID: 07780  
Release Status Number: Not reported  
Substance: PETRO

**Actual:**  
**254 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PENSKE AUTO CENTER KMART (Continued)**

**U004019444**

Tank Owner Company Name: KMART 3168  
Tank Owner Last Name: KMART 3168  
Tank Owner First name: Not reported  
NFA Date: 05/10/1999  
Tank Owner City: COLUMBIA  
Confirmed Date: Not reported  
Release Date: 12/30/1998  
EID: 1743102  
Local Facility District: Columbia EQC Office  
SCRBCA Class Number: Not reported  
Release Fin Type Code: UNK  
Qualified: Not reported  
Release Source: Not reported  
Local Fac Last Name: PENSKE AUTO CENTER KMART  
Local Fac First Name: Not reported  
User Name: PASLEYDC  
Cleanup Initiated Date: 01/05/1999  
Prefix: N  
Total Score: Not reported

**UST:**

Facility ID: 07780  
Permit: N 07780  
Owner: KMART 3168  
Owner Address: 99 N ARROWOOD RD  
Owner City, st, zip: COLUMBIA SC 29210  
Owner Phone: 313-643-1790

Tank ID: 1  
**Status:** Abandoned  
Capacity: 1000  
Product: Waste Oil  
Calclage: 15

27  
SE  
1/4-1/2  
0.486 mi.  
2567 ft.

**PEP BOY 134**  
**1804 BROAD RIVER RD**  
**COLUMBIA, SC**

**LUST** **U004018251**  
**UST** **N/A**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**322 ft.**

Release Number: 1  
Facility ID: 18230  
Release Status Number: Not reported  
Substance: PETRO  
Tank Owner Company Name: PEP BOYS  
Tank Owner Last Name: PEP BOYS  
Tank Owner First name: Not reported  
NFA Date: 01/22/1999  
Tank Owner City: PHILADELPHIA  
Confirmed Date: Not reported  
Release Date: 12/16/1998  
EID: 1796782  
Local Facility District: Columbia EQC Office  
SCRBCA Class Number: Not reported  
Release Fin Type Code: UNK  
Qualified: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PEP BOY 134 (Continued)**

**U004018251**

Release Source: Not reported  
Local Fac Last Name: PEP BOY 134  
Local Fac First Name: Not reported  
User Name: FANTRM  
Cleanup Initiated Date: 01/19/1999  
Prefix: N  
Total Score: Not reported

**UST:**

Facility ID: 18230  
Permit: N 18230  
Owner: PEP BOYS  
Owner Address: 3111 W ALLEGHENY AVE  
Owner City, st, zip: PHILADELPHIA PA 19132  
Owner Phone: 215-430-9277

Tank ID: 1  
**Status: Abandoned**  
Capacity: 550  
Product: Waste Oil  
Calclage: Not reported

**28**  
**SE**  
**1/2-1**  
**0.571 mi.**  
**3015 ft.**

**PALMETTO FINE CLEANERS/FMR BURNETTES CLN**  
**1718 BROAD RIVER RD**  
**COLUMBIA, SC 29210**

**SHWS S105621371**  
**DRYCLEANERS N/A**

**Relative:**  
**Higher**

SHWS:  
EPA ID: SCDRY0053089

**Actual:**  
**320 ft.**

Drycleaners:  
BLWM Number: 53089  
Rank: 3rd  
Priority Group Explanation: 3rd

**29**  
**SSE**  
**1/2-1**  
**0.616 mi.**  
**3254 ft.**

**SUBURBAN LODGE (FORMER BANK LOCATION)**  
**1633 BROAD RIVER RD**  
**COLUMBIA, SC 29210**

**SHWS S108953994**  
**N/A**

**Relative:**  
**Higher**

SHWS:  
EPA ID: SCS123457099

**Actual:**  
**327 ft.**



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

**G30**  
**South**  
**1/2-1**  
**0.720 mi.**  
**3800 ft.**  
**BRITE CLEANERS**  
**422 BUSH RIVER RD/1441-A COLONIAL LIFE**  
**COLUMBIA, SC 29210**  
**Site 1 of 2 in cluster G**

**SHWS** **S107599677**  
**DRYCLEANERS** **N/A**

**Relative:** SHWS:  
**Lower** EPA ID: SCDRY0057314

**Actual:**  
**290 ft.**  
Drycleaners:  
BLWM Number: 57314  
Rank: 3rd  
Priority Group Explanation: 3rd

**G31**  
**South**  
**1/2-1**  
**0.720 mi.**  
**3800 ft.**  
**BRITE CLEANERS**  
**422 BUSH RIVER RD UNIT 1**  
**COLUMBIA, SC 29210**  
**Site 2 of 2 in cluster G**

**SHWS** **S107520947**  
**VCP** **N/A**  
**BROWNFIELDS**  
**DRYCLEANERS**

**Relative:** SHWS:  
**Lower** EPA ID: SCS123457021

**Actual:**  
**290 ft.**  
VCP:  
Person Company: GRAHAM & CONNER LLC  
Prim Address 1: Not reported  
Prim Address 2: Not reported  
Prim City: Not reported  
Prim State: Not reported  
Prim Zip: Not reported  
Type Brownfield: Not reported  
Contact: Not reported  
Status code: ACTIVE  
File Number: 57278  
Exec Date: 2/13/2006  
Contract Mailed Date: Not reported  
Date Terminated: 05/11/2006  
Contract #: 05-5628-NRP  
Contract Type: NRP  
Contract Manager: GORMAN ANGELA K  
Acreage: 0.94  
COC Issued Date: Not reported  
RC Executed Date: Not reported  
I C Received: 10/26/2005  
Workplan Due: Not reported  
Workplan Receive: Not reported  
Workplan Reviewed: Not reported  
Workplan Approved: Not reported  
Report Receive: Not reported  
Report Reviewed: Not reported  
Report Approved: Not reported  
Cap Approved: Not reported

SC BROWNFIELD:  
Contract Number: 05-5628-NRP  
Contract Type: NRP  
File Number: 57278  
Contract Manager: GORMAN ANGELA K

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BRITE CLEANERS (Continued)**

**S107520947**

Person Company:	GRAHAM & CONNER LLC
Primary Address1:	Not reported
Primary Address2:	Not reported
Primary City:	Not reported
Primary State Code:	Not reported
Primary Zip Code:	Not reported
Type Brownfield:	Not reported
Acreage:	0.94
Contract Executed:	2/13/2006
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	Not reported
Status Code:	ACTIVE
IC Received:	10/26/2005
Workplan Due:	Not reported
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	05/11/2006

Drycleaners:

BLWM Number:	57278
Rank:	3rd
Priority Group Explanation:	3rd

32  
NW  
1/2-1  
0.851 mi.  
4495 ft.

**DELUXE CLEANERS**  
**3007 BROAD RIVER RD**  
**COLUMBIA, SC 29210**

**SHWS S105621450**  
**DRYCLEANERS N/A**

**Relative:**  
**Lower**

SHWS:  
EPA ID: SCDRY0056072

**Actual:**  
**310 ft.**

Drycleaners:  
BLWM Number: 56072  
Rank: N  
Priority Group Explanation: N

33  
SSE  
1/2-1  
0.933 mi.  
4926 ft.

**TRIPP'S FINE CLEANERS**  
**1339 BROAD RIVER RD**  
**COLUMBIA, SC 29210**

**SHWS S105621468**  
**DRYCLEANERS N/A**

**Relative:**  
**Lower**

SHWS:  
EPA ID: SCDRY0051271

**Actual:**  
**305 ft.**

Drycleaners:  
BLWM Number: 51271

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

TRIPP'S FINE CLEANERS (Continued)

S105621468

Rank: 3rd  
Priority Group Explanation: 3rd

34  
NW  
1/2-1  
0.961 mi.  
5073 ft.

ARNOLDS PROFESSIONAL GARMENT CARE  
3104 BROAD RIVER ROAD  
COLUMBIA, SC 29210

SHWS  
RCRA NonGen / NLR  
FINDS  
DRYCLEANERS  
ECHO

1000333641  
SCD036105484

Relative:  
Lower

SHWS:  
EPA ID: SCDRY0051118

Actual:  
315 ft.

RCRA NonGen / NLR:  
Date form received by agency: 07/01/1998  
Facility name: ARNOLDS PROFESSIONAL GARMENT CARE  
Facility address: 3104 BROAD RIVER ROAD  
COLUMBIA, SC 29210  
EPA ID: SCD036105484  
Mailing address: SUNBELT BLVD  
COLUMBIA, SC 29203  
Contact: DAVID SHAW  
Contact address: 101 SUNBELT BLVD  
COLUMBIA, SC 29203  
Contact country: US  
Contact telephone: (803) 786-8985  
Contact email: Not reported  
EPA Region: 04  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:  
Owner/operator name: DAVID SHAW & NEIL FREEMAN  
Owner/operator address: 101 SUNBELT  
COLUMBIA, SC 29203  
Owner/operator country: Not reported  
Owner/operator telephone: (803) 786-8985  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: OPERNAME  
Owner/operator address: OPERSTREET  
OPERCITY, WY 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (404) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:  
U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARNOLDS PROFESSIONAL GARMENT CARE (Continued)**

**1000333641**

Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

. Waste code: D039  
. Waste name: TETRACHLOROETHYLENE

. Waste code: F002  
. Waste name: 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.

Violation Status: No violations found

**FINDS:**

Registry ID: 110004937793

**Environmental Interest/Information System**

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**Drycleaners:**

BLWM Number: 51118  
Rank: 2nd  
Priority Group Explanation: 2nd

**ECHO:**

Envid: 1000333641  
Registry ID: 110004937793

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARNOLDS PROFESSIONAL GARMENT CARE (Continued)**

**1000333641**

DFR URL:

[http://echo.epa.gov/detailed\\_facility\\_report?fid=110004937793](http://echo.epa.gov/detailed_facility_report?fid=110004937793)

**35  
NW  
1/2-1  
0.997 mi.  
5264 ft.**

**3128 BROAD RIVER RD  
3128 BROAD RIVER RD  
COLUMBIA, SC 29210**

**SHWS S119008737  
N/A**

**Relative:  
Lower**

SHWS:  
EPA ID: Not reported

**Actual:  
312 ft.**

Count: 3 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
COLUMBIA	U004254829	DORIS DERRICK PROPERTY	8025 BROAD RIVER RD		LUST, UST
COLUMBIA	U003930440	FORMER USA SERVICE STATION	DUTCH SQUARE MALL	29210	LUST, UST, GWCI
COLUMBIA	1003869057	RUSHMORE SITE	RUSHMORE DRIVE	29210	SEMS-ARCHIVE



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### **NPL: National Priority List**

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

Date of Government Version: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 01/05/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

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

Date of Government Version: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 01/05/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ***Federal Delisted NPL site list***

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 01/05/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

### ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 09/14/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2016	Telephone: 703-603-8704
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/05/2017
Number of Days to Update: 17	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 01/06/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Quarterly

### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 01/06/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Quarterly

### ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2016	Source: EPA
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-424-9346
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

### ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

### RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

### ***Federal institutional controls / engineering controls registries***

#### LUCIS: Land Use Control Information System

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

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 02/13/2017
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/29/2017
	Data Release Frequency: Varies

#### US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 11/15/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/29/2016	Telephone: 703-603-0695
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 11/29/2016
Number of Days to Update: 66	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

#### US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 11/15/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/29/2016	Telephone: 703-603-0695
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 11/29/2016
Number of Days to Update: 66	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/26/2016

Date Data Arrived at EDR: 09/29/2016

Date Made Active in Reports: 11/11/2016

Number of Days to Update: 43

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 12/28/2016

Next Scheduled EDR Contact: 04/10/2017

Data Release Frequency: Annually

## ***State- and tribal - equivalent CERCLIS***

SHWS: Site Assessment Section Project List

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

Date of Government Version: 10/10/2016

Date Data Arrived at EDR: 10/21/2016

Date Made Active in Reports: 01/25/2017

Number of Days to Update: 96

Source: Department of Health and Environmental Control

Telephone: 803-898-0835

Last EDR Contact: 12/12/2016

Next Scheduled EDR Contact: 03/27/2017

Data Release Frequency: Annually

## ***State and tribal landfill and/or solid waste disposal site lists***

SWF/LF: Permitted Landfills List

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

Date of Government Version: 12/12/2016

Date Data Arrived at EDR: 12/14/2016

Date Made Active in Reports: 01/25/2017

Number of Days to Update: 42

Source: Department of Health and Environmental Control

Telephone: 803-734-5165

Source: Department of Health and Environmental Control, GIS Section

Telephone: 803-896-4084

Last EDR Contact: 12/12/2016

Next Scheduled EDR Contact: 03/27/2017

Data Release Frequency: Varies

## ***State and tribal leaking storage tank lists***

LUST: Leaking Underground Storage Tank List

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

Date of Government Version: 10/14/2016

Date Data Arrived at EDR: 10/20/2016

Date Made Active in Reports: 01/27/2017

Number of Days to Update: 99

Source: Department of Health and Environmental Control

Telephone: 803-898-4350

Last EDR Contact: 01/23/2017

Next Scheduled EDR Contact: 05/08/2017

Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016

Date Data Arrived at EDR: 04/27/2016

Date Made Active in Reports: 06/03/2016

Number of Days to Update: 37

Source: EPA, Region 5

Telephone: 312-886-7439

Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017

Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/24/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Semi-Annually

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

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

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

Date of Government Version: 02/25/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3372
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

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

Date of Government Version: 10/13/2015	Source: EPA Region 8
Date Data Arrived at EDR: 10/23/2015	Telephone: 303-312-6271
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 118	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015	Source: EPA Region 7
Date Data Arrived at EDR: 02/12/2016	Telephone: 913-551-7003
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 112	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

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

Date of Government Version: 12/11/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/19/2016	Telephone: 214-665-6597
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 105	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

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

Date of Government Version: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***State and tribal registered storage tank lists***

### **FEMA UST: Underground Storage Tank Listing**

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 01/23/2017
Number of Days to Update: 55	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Varies

### **UST: Comprehensive Underground Storage Tanks**

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

Date of Government Version: 01/07/2017	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 01/10/2017	Telephone: 803-896-7957
Date Made Active in Reports: 01/19/2017	Last EDR Contact: 01/23/2017
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

### **AST: Aboveground Storage Tank List**

Registered Aboveground Storage Tanks.

Date of Government Version: 03/25/2004	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 08/04/2004	Telephone: 803-898-4350
Date Made Active in Reports: 09/23/2004	Last EDR Contact: 11/28/2016
Number of Days to Update: 50	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

### **INDIAN UST R1: Underground Storage Tanks on Indian Land**

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

Date of Government Version: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

### **INDIAN UST R9: Underground Storage Tanks on Indian Land**

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

Date of Government Version: 02/25/2016	Source: EPA Region 9
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3368
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

### **INDIAN UST R10: Underground Storage Tanks on Indian Land**

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

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 119	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

### INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 01/26/2017
Number of Days to Update: 65	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

### INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/03/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2016	Telephone: 214-665-7591
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 120	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Semi-Annually

### INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/05/2015	Source: EPA Region 5
Date Data Arrived at EDR: 11/13/2015	Telephone: 312-886-6136
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

### INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-9424
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/24/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Semi-Annually

### ***State and tribal institutional control / engineering control registries***

#### RCR: Registry of Conditional Remedies

The Bureau of Land and Waste Management established this Registry to help monitor and maintain sites that have conditional remedies. A Conditional Remedy is an environmental remedy that includes certain qualifications. These qualifications are divided into two major categories: Remedies requiring Land Use Controls and Conditional No Further Actions.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/10/2016  
Date Data Arrived at EDR: 10/20/2016  
Date Made Active in Reports: 01/30/2017  
Number of Days to Update: 102

Source: Department of Health & Environmental Control  
Telephone: 803-896-4000  
Last EDR Contact: 12/12/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Varies

### AUL: Land Use Controls

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

Date of Government Version: 12/12/2016  
Date Data Arrived at EDR: 12/15/2016  
Date Made Active in Reports: 01/25/2017  
Number of Days to Update: 41

Source: Department of Health & Environmental Control  
Telephone: 803-896-4049  
Last EDR Contact: 12/15/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Varies

### ***State and tribal voluntary cleanup sites***

#### VCP: Voluntary Cleanup Sites

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

Date of Government Version: 09/12/2016  
Date Data Arrived at EDR: 09/27/2016  
Date Made Active in Reports: 11/10/2016  
Number of Days to Update: 44

Source: Department of Health and Environmental Control  
Telephone: 803-896-4049  
Last EDR Contact: 12/12/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Varies

#### INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 04/20/2009  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

#### INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

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

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 12/27/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Varies

### ***State and tribal Brownfields sites***

#### BROWNFIELDS: Brownfields Sites Listing

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/12/2016  
Date Data Arrived at EDR: 09/27/2016  
Date Made Active in Reports: 11/10/2016  
Number of Days to Update: 44

Source: Department of Health & Environmental Control  
Telephone: 803-896-4069  
Last EDR Contact: 12/12/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Varies

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

##### **US BROWNFIELDS: A Listing of Brownfields Sites**

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/19/2016  
Date Data Arrived at EDR: 12/20/2016  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 12/20/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Semi-Annually

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

##### **SWRCY: Solid Waste Recycling Facilities**

A listing of recycling center locations.

Date of Government Version: 01/27/2016  
Date Data Arrived at EDR: 03/04/2016  
Date Made Active in Reports: 04/01/2016  
Number of Days to Update: 28

Source: Department of Health & Environmental Control  
Telephone: 803-896-8985  
Last EDR Contact: 11/28/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 10/31/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Varies

##### **ODI: Open Dump Inventory**

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

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

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

##### **DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations**

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: No Update Planned

### IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

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

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 01/30/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

### Local Lists of Hazardous waste / Contaminated Sites

#### US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 09/30/2016  
Date Data Arrived at EDR: 01/05/2017  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 36

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/29/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: No Update Planned

#### ALLSITES: Site Assessment & Remediation Public Record Database

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

Date of Government Version: 12/12/2016  
Date Data Arrived at EDR: 12/15/2016  
Date Made Active in Reports: 01/25/2017  
Number of Days to Update: 41

Source: Department of Health & Environmental Control  
Telephone: 803-896-4000  
Last EDR Contact: 12/15/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Quarterly

#### CDL: Clandestine Drug Lab Sites

A listing of clandestine drug lab site locations.

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

Source: Department of Health & Environmental Control  
Telephone: 803-896-4288  
Last EDR Contact: 12/05/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Varies

#### CDL 2: Clandestine Drug Lab Listing

A listing of clandestine drug lab site locations.

Date of Government Version: 11/30/2016  
Date Data Arrived at EDR: 12/16/2016  
Date Made Active in Reports: 01/25/2017  
Number of Days to Update: 40

Source: South Carolina Law Enforcement Division  
Telephone: 803-896-7136  
Last EDR Contact: 11/28/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Varies

#### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2016  
Date Data Arrived at EDR: 12/05/2016  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 67

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/29/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Quarterly

### **Local Land Records**

#### **LIENS 2: CERCLA Lien Information**

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

Date of Government Version: 02/18/2014  
Date Data Arrived at EDR: 03/18/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 37

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 01/24/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

### **Records of Emergency Release Reports**

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

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

Date of Government Version: 12/28/2016  
Date Data Arrived at EDR: 12/28/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 37

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 12/28/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

#### **SPILLS: Spill List**

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

Date of Government Version: 08/12/2016  
Date Data Arrived at EDR: 08/15/2016  
Date Made Active in Reports: 09/12/2016  
Number of Days to Update: 28

Source: Department of Health and Environmental Control  
Telephone: 803-898-4111  
Last EDR Contact: 11/28/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Varies

#### **SPILLS 90: SPILLS90 data from FirstSearch**

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

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

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

#### **SPILLS 80: SPILLS80 data from FirstSearch**

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

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

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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Other Ascertainable Records***

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

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

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

### **FUDS: Formerly Used Defense Sites**

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

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 12/08/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

### **DOD: Department of Defense Sites**

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/13/2017
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Semi-Annually

### **FEDLAND: Federal and Indian Lands**

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/13/2017
Number of Days to Update: 339	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: N/A

### **SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing**

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

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 02/03/2017
Number of Days to Update: 54	Next Scheduled EDR Contact: 05/29/2017
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 10/11/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2016	Telephone: 202-566-1917
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 02/15/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/29/2017
	Data Release Frequency: Quarterly

### EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 02/03/2017
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/22/2017
	Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 04/22/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015	Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 02/10/2017
Number of Days to Update: 6	Next Scheduled EDR Contact: 05/22/2017
	Data Release Frequency: Varies

### TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012	Source: EPA
Date Data Arrived at EDR: 01/15/2015	Telephone: 202-260-5521
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 12/23/2016
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/03/2017
	Data Release Frequency: Every 4 Years

### TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 11/24/2015	Telephone: 202-566-0250
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 11/22/2016
Number of Days to Update: 133	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 01/23/2017
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Annually

### ROD: Records Of Decision

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

Date of Government Version: 11/25/2013	Source: EPA
Date Data Arrived at EDR: 12/12/2013	Telephone: 703-416-0223
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 12/06/2016
Number of Days to Update: 74	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Annually

### RMP: Risk Management Plans

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

Date of Government Version: 08/01/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/22/2016	Telephone: 202-564-8600
Date Made Active in Reports: 11/11/2016	Last EDR Contact: 01/23/2017
Number of Days to Update: 81	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

### RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 02/10/2017
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/22/2017
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### PADS: PCB Activity Database System

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

Date of Government Version: 01/20/2016	Source: EPA
Date Data Arrived at EDR: 04/28/2016	Telephone: 202-566-0500
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 01/13/2017
Number of Days to Update: 127	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-5088
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 01/09/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

### MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 02/03/2017
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/22/2017
	Data Release Frequency: Quarterly

### COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 12/06/2016
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/06/2016
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

### PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/29/2016
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

### RADINFO: Radiation Information Database

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

Date of Government Version: 01/04/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/06/2017	Telephone: 202-343-9775
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 01/06/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

### HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

### DOT OPS: Incident and Accident Data

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/31/2012  
Date Data Arrived at EDR: 08/07/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 02/01/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

### CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 09/30/2016  
Date Data Arrived at EDR: 11/18/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 77

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Varies

### BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 02/24/2015  
Date Made Active in Reports: 09/30/2015  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 11/23/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Biennially

### INDIAN RESERV: Indian Reservations

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

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

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 01/13/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Semi-Annually

### FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 07/21/2016  
Date Data Arrived at EDR: 07/26/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 59

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 02/03/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Varies

### UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 09/09/2016  
Next Scheduled EDR Contact: 12/05/2016  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/05/2016  
Date Data Arrived at EDR: 01/05/2017  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 36

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 01/05/2017  
Next Scheduled EDR Contact: 04/17/2017  
Data Release Frequency: Varies

### LEAD SMELTER 2: Lead Smelter Sites

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

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

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

### US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

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

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

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 12/22/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

### US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 12/22/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

### US MINES: Mines Master Index File

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

Date of Government Version: 08/05/2016  
Date Data Arrived at EDR: 09/01/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 12/01/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Semi-Annually

### US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 12/05/2005  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 12/12/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### US MINES 3: Active Mines & Mineral Plants Database Listing

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

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 12/02/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

### FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/15/2016	Source: EPA
Date Data Arrived at EDR: 09/07/2016	Telephone: (404) 562-9900
Date Made Active in Reports: 11/11/2016	Last EDR Contact: 12/06/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Quarterly

### DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2016	Telephone: 202-564-0527
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/28/2016
Number of Days to Update: 91	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

### UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015	Source: Department of Defense
Date Data Arrived at EDR: 01/29/2016	Telephone: 571-373-0407
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 01/20/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Varies

### AIRS: Permitted Airs Facility Listing

A listing of permitted airs facilities.

Date of Government Version: 11/29/2016	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 12/01/2016	Telephone: 803-898-4279
Date Made Active in Reports: 01/25/2017	Last EDR Contact: 12/01/2016
Number of Days to Update: 55	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

### COAL ASH: Coal Ash Disposal Sites

A listing of sites with coal ash ponds.

Date of Government Version: 01/20/2016	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 01/29/2016	Telephone: 803-898-3964
Date Made Active in Reports: 04/01/2016	Last EDR Contact: 12/16/2016
Number of Days to Update: 63	Next Scheduled EDR Contact: 04/03/2017
	Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### DRYCLEANERS: Drycleaner Database

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

Date of Government Version: 01/01/2016  
Date Data Arrived at EDR: 02/03/2016  
Date Made Active in Reports: 04/01/2016  
Number of Days to Update: 58

Source: Department of Health & Environmental Control  
Telephone: 803-898-3882  
Last EDR Contact: 02/01/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

### Financial Assurance 1: Financial Assurance Information Listing

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

Date of Government Version: 09/26/2016  
Date Data Arrived at EDR: 10/20/2016  
Date Made Active in Reports: 01/25/2017  
Number of Days to Update: 97

Source: Department of Health & Environmental Control  
Telephone: 803-896-4067  
Last EDR Contact: 12/12/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Quarterly

### Financial Assurance 2: Financial Assurance Information Listing

Hazardous waste financial assurance information.

Date of Government Version: 09/20/2016  
Date Data Arrived at EDR: 09/29/2016  
Date Made Active in Reports: 11/10/2016  
Number of Days to Update: 42

Source: Department of Health & Environmental Control  
Telephone: 803-898-3880  
Last EDR Contact: 12/12/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Varies

### Financial Assurance 3: Financial Assurance Information Listing

UST financial assurance information.

Date of Government Version: 03/05/2015  
Date Data Arrived at EDR: 03/06/2015  
Date Made Active in Reports: 03/17/2015  
Number of Days to Update: 11

Source: Department of Health & Environmental Control  
Telephone: 803-898-3880  
Last EDR Contact: 01/07/2017  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Varies

### GWCI: Groundwater Contamination Inventory

An inventory of all groundwater contamination cases in the state.

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

Source: Department of Health and Environmental Control  
Telephone: 803-898-3798  
Last EDR Contact: 12/22/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

### NPDES: Waste Water Treatment Facilities Listing

A listing of waste water treatment facility locations.

Date of Government Version: 10/13/2016  
Date Data Arrived at EDR: 10/25/2016  
Date Made Active in Reports: 01/27/2017  
Number of Days to Update: 94

Source: Department of Health & Environmental Control  
Telephone: 803-898-4300  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

### UIC: Underground Injection Wells Listing

A listing of underground injection wells locations.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/15/2016  
Date Data Arrived at EDR: 08/12/2016  
Date Made Active in Reports: 09/01/2016  
Number of Days to Update: 20

Source: Department of Health & Environmental Control  
Telephone: 803-898-3799  
Last EDR Contact: 02/06/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Varies

### ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/18/2016  
Date Data Arrived at EDR: 09/20/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 12/20/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Quarterly

### ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/09/2016  
Date Data Arrived at EDR: 06/13/2016  
Date Made Active in Reports: 09/02/2016  
Number of Days to Update: 81

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 12/09/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Quarterly

### FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 11/21/2016  
Date Data Arrived at EDR: 11/22/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 73

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 11/22/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Quarterly

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### EDR Hist Auto: EDR Exclusive Historic Gas Stations

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

### EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## **EDR RECOVERED GOVERNMENT ARCHIVES**

### ***Exclusive Recovered Govt. Archives***

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

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

Date of Government Version: N/A	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/03/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 186	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

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

Date of Government Version: N/A	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/15/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 198	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

### OTHER DATABASE(S)

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

#### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013  
Date Data Arrived at EDR: 08/19/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/11/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: No Update Planned

#### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 09/29/2016  
Date Made Active in Reports: 01/03/2017  
Number of Days to Update: 96

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Annually

#### NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/30/2017  
Date Data Arrived at EDR: 02/01/2017  
Date Made Active in Reports: 02/13/2017  
Number of Days to Update: 12

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 02/01/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Annually

#### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 07/22/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 123

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 01/12/2017  
Next Scheduled EDR Contact: 05/01/2017  
Data Release Frequency: Annually

#### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 06/19/2015  
Date Made Active in Reports: 07/15/2015  
Number of Days to Update: 26

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 11/21/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Annually



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015

Date Data Arrived at EDR: 04/14/2016

Date Made Active in Reports: 06/03/2016

Number of Days to Update: 50

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 12/12/2016

Next Scheduled EDR Contact: 03/27/2017

Data Release Frequency: Annually

### Oil/Gas Pipelines

Source: PennWell Corporation

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

### Electric Power Transmission Line Data

Source: PennWell Corporation

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

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Daycare Centers: Child Day Care List

Source: Department of Social Services

Telephone: 803-898-7345

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

### **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

R07402-02-02  
2220 BROAD RIVER ROAD COLUMBIA SC 29210-6730  
COLUMBIA, SC 29210

### **TARGET PROPERTY COORDINATES**

Latitude (North):	34.040614 - 34° 2' 26.21"
Longitude (West):	81.0945 - 81° 5' 40.20"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	491277.1
UTM Y (Meters):	3766468.8
Elevation:	317 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	6068324 COLUMBIA NORTH, SC
Version Date:	2014

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

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

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

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

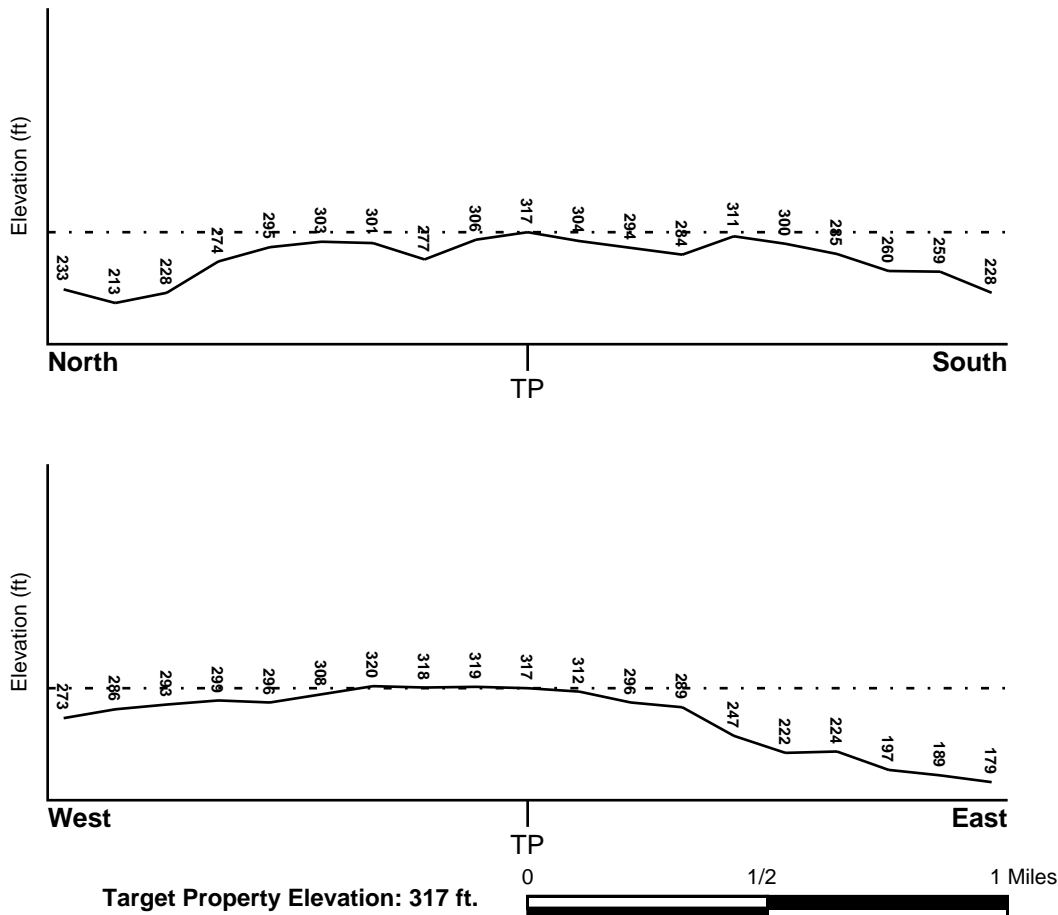
### TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
45063C0161G	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
45079C0237K	FEMA FIRM Flood data
45063C0164G	FEMA FIRM Flood data
45063C0163G	FEMA FIRM Flood data

### NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
COLUMBIA NORTH	YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
A1	0 - 1/8 Mile SSE	Not Reported
A2	1/8 - 1/4 Mile SE	Not Reported
3	1/8 - 1/4 Mile WNW	SW
4	1/2 - 1 Mile SE	SE
5	1/2 - 1 Mile South	S
B6	1/2 - 1 Mile South	SW
B7	1/2 - 1 Mile South	W
B8	1/2 - 1 Mile South	ESE
9	1/2 - 1 Mile SW	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

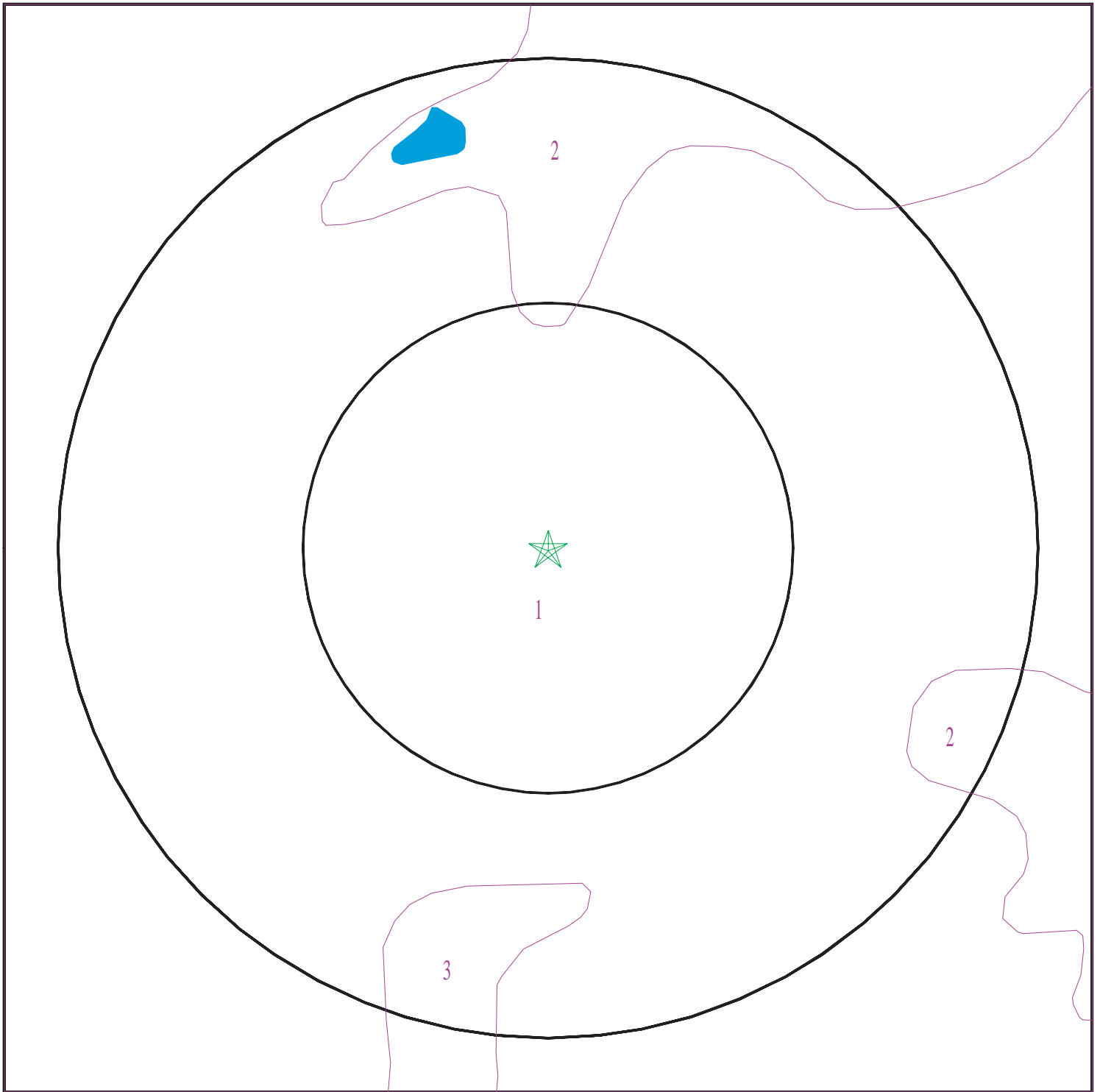
Era:	Paleozoic
System:	Pennsylvanian
Series:	Upper Paleozoic granitic rocks
Code:	Pzg3 ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Plutonic and Intrusive Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 4857343.23s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: R07402-02-02  
ADDRESS: 2220 Broad River Road columbia SC 29210-6730  
Columbia SC 29210  
LAT/LONG: 34.040614 / 81.0945

CLIENT: F&ME Consultants  
CONTACT: R. Wingard  
INQUIRY #: 4857343.23s  
DATE: February 17, 2017 1:44 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

#### Soil Map ID: 1

Soil Component Name: Orangeburg

Soil Surface Texture: loamy sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	loamy sand	Not reported	Not reported	Max: 42 Min: 14	Max: 6 Min: 4.5
2	5 inches	11 inches	loamy sand	Not reported	Not reported	Max: 42 Min: 14	Max: 6 Min: 4.5
3	11 inches	18 inches	sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 6 Min: 4.5
4	18 inches	89 inches	sandy clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 5.5 Min: 4.5

#### Soil Map ID: 2

Soil Component Name: Herndon

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	1 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
2	1 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 4	Max: 6 Min: 3.6
3	9 inches	37 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4 Min: 1.4	Max: 6 Min: 3.6
4	37 inches	51 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6 Min: 3.6
5	51 inches	61 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 4	Max: 6 Min: 3.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
6	61 inches	74 inches	bedrock	Not reported	Not reported	Max: 14 Min: 0	Max: Min:

### Soil Map ID: 3

Soil Component Name: Orangeburg

Soil Surface Texture: loamy sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	loamy sand	Not reported	Not reported	Max: 42 Min: 14	Max: 6 Min: 4.5
2	5 inches	11 inches	loamy sand	Not reported	Not reported	Max: 42 Min: 14	Max: 6 Min: 4.5
3	11 inches	18 inches	sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 6 Min: 4.5
4	18 inches	89 inches	sandy clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 5.5 Min: 4.5

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### **FEDERAL USGS WELL INFORMATION**

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

### **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

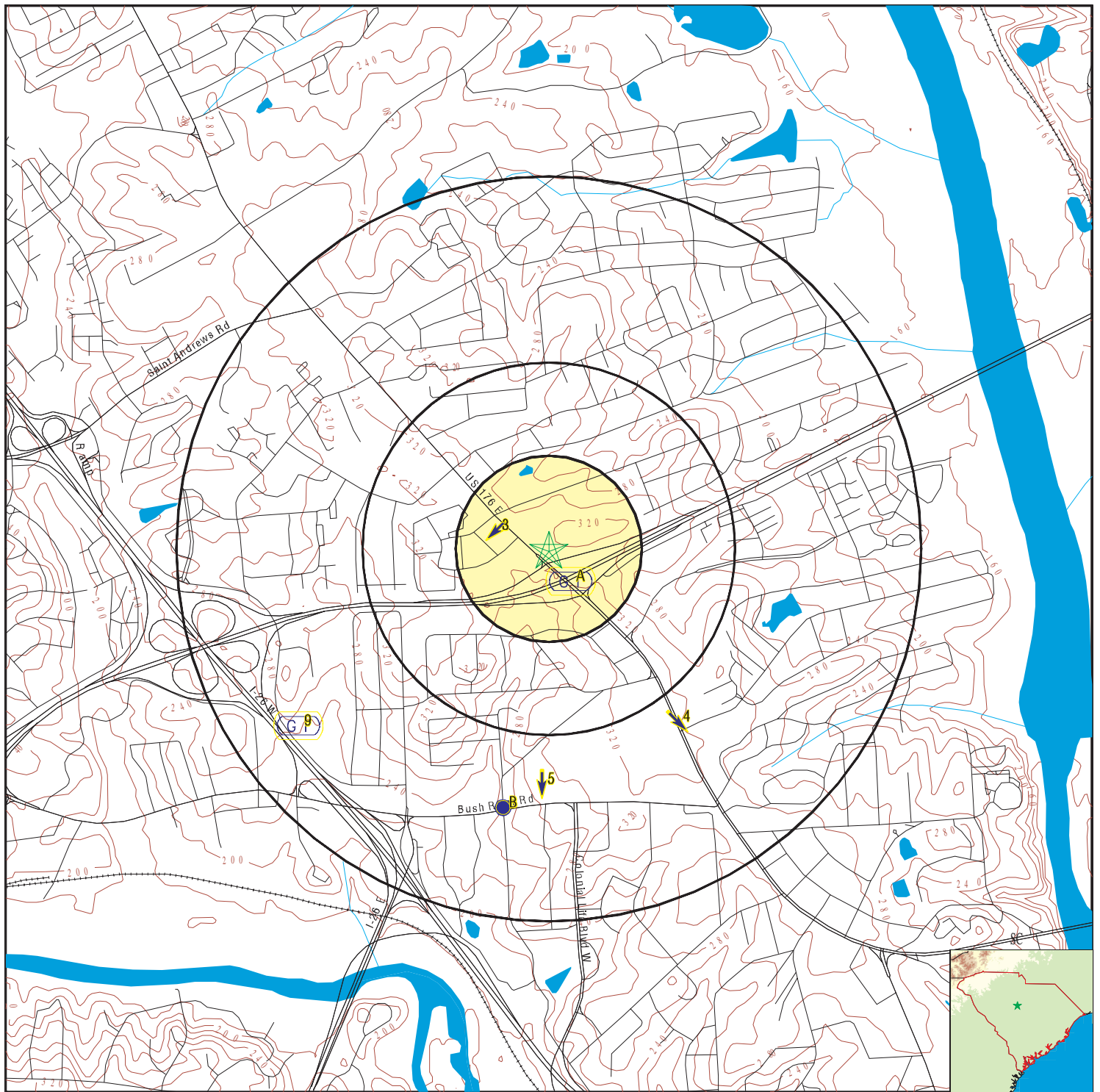
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

### **STATE DATABASE WELL INFORMATION**

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

# PHYSICAL SETTING SOURCE MAP - 4857343.23s



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

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

SITE NAME: R07402-02-02  
 ADDRESS: 2220 Broad River Road Columbia SC 29210-6730  
 Columbia SC 29210  
 LAT/LONG: 34.040614 / 81.0945

CLIENT: F&ME Consultants  
 CONTACT: R. Wingard  
 INQUIRY #: 4857343.23s  
 DATE: February 17, 2017 1:44 pm



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

<b>A1</b> <b>SSE</b> <b>0 - 1/8 Mile</b> <b>Higher</b>	Site ID:	N-40-NO-07758	<b>AQUIFLOW</b>	<b>37261</b>
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	24		
	Date:	12/12/1989		
<b>A2</b> <b>SE</b> <b>1/8 - 1/4 Mile</b> <b>Higher</b>	Site ID:	R-40-NO-07910	<b>AQUIFLOW</b>	<b>37000</b>
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	15.80		
	Deepest Water Table Depth:	21.36		
	Average Water Table Depth:	Not Reported		
	Date:	03/29/1998		
<b>3</b> <b>WNW</b> <b>1/8 - 1/4 Mile</b> <b>Lower</b>	Site ID:	N-40-GM-07326	<b>AQUIFLOW</b>	<b>31938</b>
	Groundwater Flow:	SW		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	Not Reported		
	Date:	10/09/1998		
<b>4</b> <b>SE</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID:	B-40-NM-07633	<b>AQUIFLOW</b>	<b>32355</b>
	Groundwater Flow:	SE		
	Shallowest Water Table Depth:	18.99		
	Deepest Water Table Depth:	21.91		
	Average Water Table Depth:	Not Reported		
	Date:	01/03/1991		
<b>5</b> <b>South</b> <b>1/2 - 1 Mile</b> <b>Lower</b>	Site ID:	N-40-NO-16612	<b>AQUIFLOW</b>	<b>41361</b>
	Groundwater Flow:	S		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	25		
	Date:	12/20/1994		
<b>B6</b> <b>South</b> <b>1/2 - 1 Mile</b> <b>Lower</b>	Site ID:	N-40-NO-07763	<b>AQUIFLOW</b>	<b>37045</b>
	Groundwater Flow:	SW		
	Shallowest Water Table Depth:	85.70		
	Deepest Water Table Depth:	102.05		
	Average Water Table Depth:	Not Reported		
	Date:	05/29/1998		
<b>B7</b> <b>South</b> <b>1/2 - 1 Mile</b> <b>Lower</b>	Site ID:	N-40-NO-11758	<b>AQUIFLOW</b>	<b>41375</b>
	Groundwater Flow:	W		
	Shallowest Water Table Depth:	1.82		
	Deepest Water Table Depth:	13.31		
	Average Water Table Depth:	Not Reported		
	Date:	02/09/1999		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**B8**  
**South**  
**1/2 - 1 Mile**  
**Lower**

Site ID: P-32-NM-10816  
Groundwater Flow: ESE  
Shallowest Water Table Depth: 15.61  
Deepest Water Table Depth: 19.30  
Average Water Table Depth: Not Reported  
Date: 04/1997

**AQUIFLOW 37272**

**9**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

Site ID: N-40-NO-11836  
Groundwater Flow: Not Reported  
Shallowest Water Table Depth: Not Reported  
Deepest Water Table Depth: Not Reported  
Average Water Table Depth: 5  
Date: 10/06/1998

**AQUIFLOW 41371**

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

## RADON

### AREA RADON INFORMATION

State Database: SC Radon

#### Radon Test Results

Zipcode	Average	Num Tests	Minimum	Maximum	% > 4 pCi/L
29210	2.1	101	0.3	46.4	5.0

Federal EPA Radon Zone for RICHLAND County: 3

Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for Zip Code: 29210

Number of sites tested: 14

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.786 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

### State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 803-734-9494

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.



# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Water Well Database

Source: Department of Natural Resources

Telephone: 803-734-6440

Water wells in the Coastal Plain counties of South Carolina

#### Water Well Database

Source: Department of Natural Resources

Telephone: 864-654-1671

A listing of water wells in the Piedmont (upstate) counties.

## OTHER STATE DATABASE INFORMATION

### RADON

#### State Database: SC Radon

Source: Department of Health & Environmental Control

Telephone: 864-241-1090

Radon Test Results by Zip Code

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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February 15, 2017

Ms. Karla York, Director  
Freedom of Information  
SC Department of Health and Environmental Control  
2600 Bull Street  
Columbia, South Carolina 29201

Re: Request for information pertaining to any environmental issues for thirty (30) tracts located in Lexington and Richland Counties at, or adjacent to, the addresses and tax map locations in Attachment 1.

Dear Ms. York:

This is a request for information pertaining to any environmental issues that may have been registered with DHEC for the addresses and tax map numbers. Any information pertaining to environmental problems may consist of the following:

- 1) Information pertaining to the removal or installation of above ground and underground storage tanks;
- 2) Issuance of any environmentally related license(s), permit(s) and well record(s);
- 3) Issuance of any license(s) or permit(s) (or complaints against) to store hazardous substances, waste and/or petroleum products on the subject property or adjacent properties and any action taken;
- 4) Issuance of any license(s) or permit(s) (or complaints) regarding waste disposal on the subject property or adjacent properties; and
- 5) Brownfield site(s) on the subject property or adjacent properties.

If you have any questions, please do not hesitate to contact us. We would appreciate your response as soon as is convenient.

Regards,



Rodney W. Wingard  
Environmental Manager  
F&ME CONSULTANTS

Attachment

## Attachment 1. List of Addresses and Parcel IDs

PARCEL NUMBER	PARCEL ID	LOCAL FACILITY ADDRESS
1	003697-01-001	538 St Andrews Road Columbia SC 29210
2	R07402-03-02	2108 Broad River Road Columbia SC 29210
3	R07402-02-02	2220 Broad River Road Columbia SC 29210-6730
4	004597-03-026	2237 Sunset Blvd West Columbia SC 29169-4713
5	R04009-02-14	(Currently Kangaroo Ex) 7735 Broad River Road Irmo 29063
6	002898-03-014	495 Piney Grove Road Columbia SC 29210
7	R05916-11-01	1203 Bush River Road Columbia SC 29210
8	R06011-01-01	800 St Andrews Road Columbia SC 29210-5814
9	004599-10-019	105 CORPORATE BLVD West Columbia SC 29169-4609
10	R04009-01-05	7710 Broad River Road Irmo SC 29063
11	002898-01-004	609 Giles Ct. Columbia SC 29210
12	R07402-02-01	2224 Broad River Road Columbia SC 29210-6730
13	002898-03-004	Piney Grove Road (@ I 26) Columbia SC 29210
14	R05916-08-01	830 Bush River Road Columbia SC 29210-7515
15	003697-07-036	1900 Bush River Road Columbia SC 29210



16	004597-09-007	2720 Sunset Blvd West Columbia SC 29169-0000
17	003697-02-051	2201 Bush River Road Columbia SC 29210
18	R05916-10-01	1204 Bush River Road Columbia SC 29210-7520
19	002899-04-050	775 St Andrews Road Columbia SC 29210
20	004597-09-029	2990 Sunset Blvd Columbia SC 29210
21	002899-04-025	637 St Andrews Road Columbia SC 29210
22	R07402-03-01	2116A Broad River Road Columbia SC 29210
23	R05005-01-04	140 Parkridge Drive Columbia SC 29212
24	003697-05-013	1301 Bush River Road Columbia SC 29210
25	003698-03-069	100 Rich-Lex Drive Lexington SC 29072
26	003697-09-001	100 Independence Ave. Columbia SC 29210
27	003697-02-046	(Currently Best Catch Seafood) 742 St Andrews Road Columbia SC 29210
28	004674-01-024	2250 Sunset Blvd West Columbia SC 29169
29	002899-04-041	570 St. Andrews Road (Plaza) Columbia SC 29210
30	R07402-04-14	2121 Broad River Road Columbia SC 29210



South Carolina Department of Health  
and Environmental Control

Freedom of Information Center / Sims/Aycock Building  
2600 Bull St, Columbia, SC 29201

Mr. Rodney Wingard  
F&ME CONSULTANTS  
3112 DEVINE ST  
COLUMBIA, SC 29205

2/16/2017

Request Number: 1702222

Re: 30 Tracts located in Richland and Lexington, SC.

Dear Mr. Rodney Wingard,

Your request for the above referenced information has been received by the Freedom of Information Center. The Freedom of Information staff are currently researching and compiling this information. You will be notified by our office when the research process is complete. DHEC will make the requested information available for review and copying to the extent it is not protected from disclosure pursuant to section 30-4-30 of the Freedom of Information Act.

If we are unable to locate files on a facility, based on the information submitted, you will be notified by mail.

Further inquiries regarding your request should include your above mentioned Freedom of Information Request Number. We can be reached at (803) 898 - 3882.

Sincerely,

Karla York, Director  
Freedom of Information Office

---

South Carolina Department of Health and Environmental Control

2600 Bull Street ~ Columbia, SC 29201 ~ Phone (803) 898-3432 ~www.scdhec.gov



February 17, 2017

Mr. Rodney Wingard  
F&ME  
3112 Devine Street  
Columbia, SC 29205

Re: Freedom of Information Request #1702222,  
30 Sites  
Lexington and Richland, SC

Dear Mr. Wingard,

DHEC has located public records responsive to the above-referenced Freedom of Information (FOI) request. This information will be available for review and copying pursuant to the Freedom of Information Act, S.C. Code 30-4-10 *et seq.*

With regard to your FOI request, DHEC has determined that it will not produce, and in some cases cannot produce, information that is trade secret information, personal information where public disclosure would be an unreasonable invasion of privacy, matters specifically exempt or protected by law, information protected by attorney-client privilege or legal work product, or the identity of individuals making a good faith complaint of potential violation of law or regulation, pursuant to S.C. Code Sections 30-4-10, *et seq.* This information will be redacted or withheld from the records provided to you.

Please contact the Freedom of Information Center at (803) 898-3882 to schedule an appointment to review the requested records or make arrangements for copying the records. Enclosed please find a copy of the FOI Center Fee Schedule.

If we do not hear from you within 15 days from the date of this letter, we will assume the information is no longer required and your request will be closed.

Sincerely,

---

Kristen Keller  
(803)898-3882  
Freedom of Information Center

Enclosure



April 4, 2017

Mr. Rodney Wingard  
F&ME, Inc.  
3112 Divine Street  
Columbia, SC 29205

Re: Freedom of Information Request # 1702222,  
30 sites  
Lexington and Richland, SC

Dear Mr. Wingard,

Please find enclosed the information you requested pursuant to the above-referenced Freedom of Information request. An invoice to cover search, copying fees, and redaction is also enclosed. Also, pursuant to SC Code, 30-4-40 (a)(2), information of a personal nature (such as commenter's personal e-mail address, home address and phone number) where the public disclosure thereof would constitute unreasonable invasion of personal privacy. Please remit payment by the due date on the invoice. The above-referenced request is now closed.

If you have any questions, please feel free to contact the Freedom of Information Center at (803) 898-3882.

Sincerely,

A handwritten signature in blue ink that reads 'K Keller'.

Kristen Keller  
Freedom of Information Office  
Direct Line: (803) 898-3882  
kellerkm@dhec.sc.gov

Enclosures





September 26, 2006

Mr. Konstantine T. Akhvlediani, Hydrogeologist  
Assessment Section  
Assessment and Corrective Action Division  
Underground Storage Tank Program  
Bureau of Land and Waste Management  
South Carolina Department of Health  
and Environmental Control  
2600 Bull Street  
Columbia, South Carolina 29201

**RECEIVED**

SEP 29 2006

UNDERGROUND STORAGE  
TANK PROGRAM

Subject: Report of Groundwater Sampling and Chemical Analyses  
Kent's Korner 21  
Columbia, South Carolina  
SCDHEC Site ID #07648; CA #27557  
MECI Project Number 06-984

Dear Mr. Akhvlediani,

Midlands Environmental Consultants, Inc. (MECI) is pleased to submit the attached Report of Groundwater Sampling and Chemical Analyses for the referenced site. This report describes activities conducted at the site in general accordance with South Carolina Department of Health and Environmental Control (SCDHEC) guidelines.

On August 28, 2006, two direct push points (GPW-1 and GPW-2) were advanced at the site to collect groundwater samples. GPW-2 was advanced to probe refusal (8 feet BGS) and allowed to remain at this depth for two hours. Probe refusal was encountered prior to reaching the water table in GPW-2, therefore no sample was obtained from GPW-2. Groundwater samples were collected through disposable Teflon tubing and placed in laboratory supplied containers for analysis. The borings were advanced by Geologic Exploration, Inc. (Geologic), of Statesville, North Carolina (S.C. Driller Certification: Steven Sloan #1681). The sampling depth for each of the locations was based on the water table depth, the ability to reach the water table and the yield of the water bearing zone as evidenced by flow of water into the direct push apparatus. The samples were generally taken at the shallowest bearing zone, 23 to 27 feet below ground surface (BGS). The total footage for the direct push borings was 35 feet. The sample locations are presented on Figure 1. To prevent cross-contamination between borings the reusable down-hole portion of the direct push sampling device was cleaned between borings. New Teflon tubing was utilized at each

location. Following the collection of the groundwater samples, the hole left open by the geoprobe was abandoned with a bentonite/portland grout slurry.


Following completion of drilling activities MECI personnel completed a subsequent survey of the site in order to locate boring locations on the site map as provided by SCDHEC. This survey was conducted utilizing a fiberglass tape, rod and level.

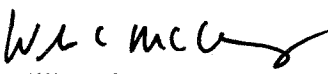
The groundwater samples thus obtained were transported to Pace Analytical of Charlotte, NC (SCDHEC Laboratory Certification #99006) for analysis. Analytical results for laboratory samples collected from the direct push borings are presented in Table 1.

The samples obtained on August 28, 2006 were analyzed by Pace for: volatile aromatic hydrocarbons (EPA Method 8260) and EDB (EPA Method 8011). The results of the analyses are summarized in Table 1. The detection limits for each parameter are provided in the attached laboratory reports.

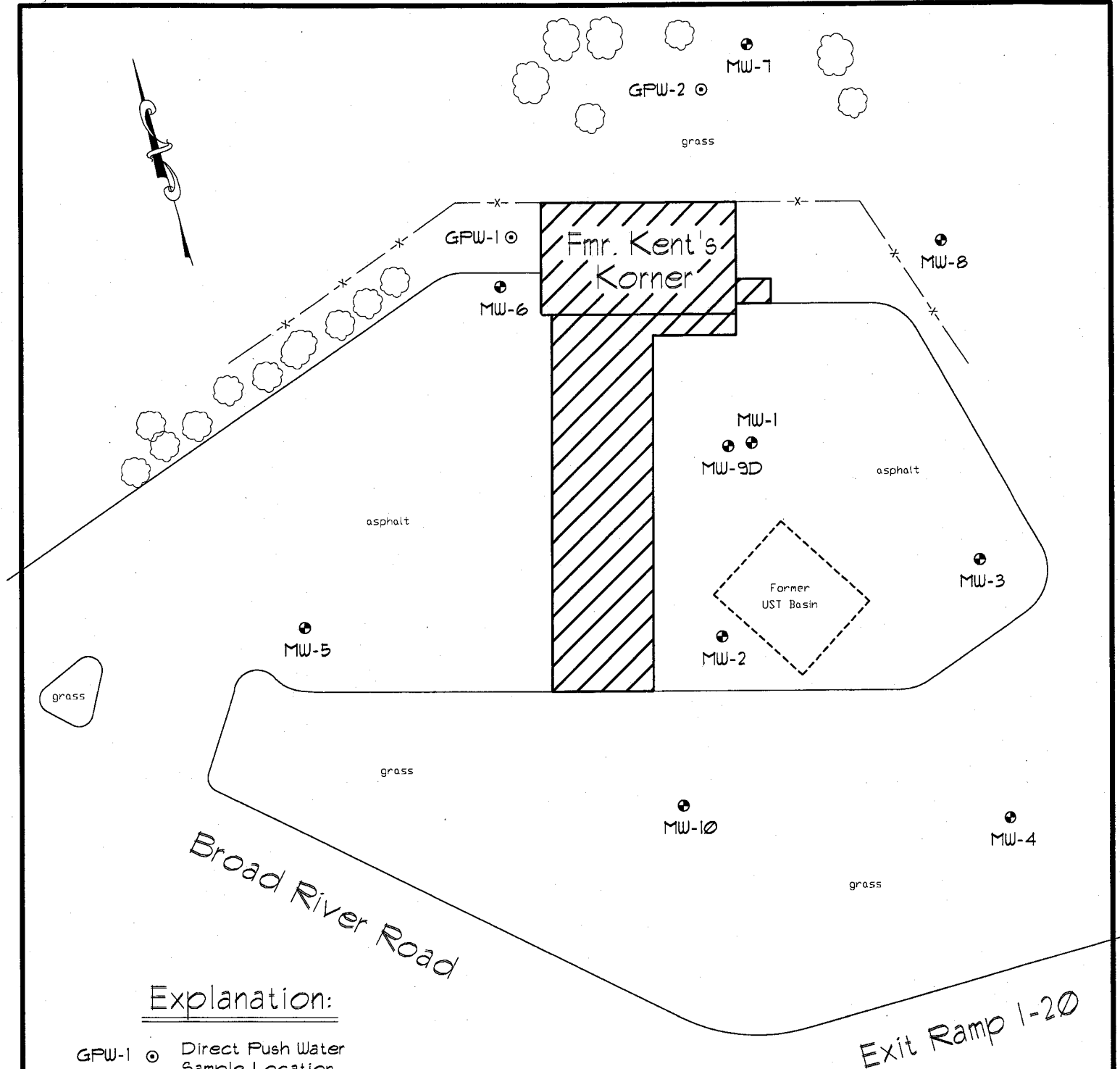
Midlands Environmental appreciates the opportunity to offer our professional environmental related services to you on this project. Please feel free to contact us at 808-2043 if you have any immediate questions or comments.

Sincerely,  
**Midlands Environmental Consultants, Inc.**

  
Theodore E. Raymond, Jr.  
Project Scientist

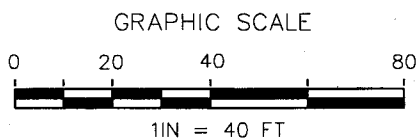
  
William C. McClary, P.G.  
Senior Geologist

Attachments:



### Explanation:

- GPW-1 ○ Direct Push Water Sample Location
- MW-1 ● Former Location of Monitoring Well
- Estimated Location of Removed Underground Storage Tanks



Reference: SCDHEC Files and MECI Field notes.

Midlands Environmental Consultants, Inc.	Site Features
Kent's Korner 21 2220 Broad River Road, Columbia, SC SCDHEC Site ID# 07648	
Figure 1	MECI 06-984

**TABLE 1**  
**FIELD SCREENING ANALYTICAL RESULTS**  
**KENT'S KORNER 21**  
**COLUMBIA, SOUTH CAROLINA**  
**MECI PROJECT NUMBER 06-984**  
**SCDHEC ID NUMBER 07648**

Boring Number	Sample Depth (feet)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Total BTEX (µg/l)	EDB (µg/l)	MTBE (µg/l)	Naphthalene (µg/l)
GPW-1	23-27	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
GPW-2	4-8PR	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY

**Notes:**

1. BDL = Below Practical Quantitative Limits
2. µg/l = micrograms per liter
3. MTBE = Methyl-Tertiary-Butyl Ether
4. EDB = Ethylene Dibromide

5. DRY = Dry Hole





**Pace Analytical Services, Inc.**  
9800 Kincey Avenue, Suite 100  
Huntersville, NC 28078  
Phone: 704.875.9092  
Fax: 704.875.9091

**Pace Analytical Services, Inc.**  
2225 Riverside Drive  
Asheville, NC 28804  
Phone: 828.254.7176  
Fax: 828.252.4618

September 07, 2006

Mr. Bryan Shane  
Midlands Environmental  
PO Box 854  
Lexington, SC 29071

RE: Lab Project Number: 92126528  
Client Project ID: Kent's Corner 06-984

Dear Mr. Shane:

Enclosed are the analytical results for sample(s) received by the laboratory on August 30, 2006. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals Analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Charlotte laboratory unless otherwise footnoted.

If you have any questions concerning this report please feel free to contact me.

Sincerely,

Richard Swartz  
richard.swartz@pacelabs.com  
(704) 875-9092 ext. 237  
Project Manager

Enclosures

Asheville Certification IDs  
NC Wastewater 40  
NC Drinking Water 37712  
SC Environmental 99030  
FL NELAP E87648

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
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Charlotte Certification IDs  
NC Wastewater 12  
NC Drinking Water 37706  
SC 99006  
FL NELAP E87627



**Pace Analytical Services, Inc.**  
9800 Kinney Avenue, Suite 100  
Huntersville, NC 28078  
Phone: 704.875.9092  
Fax: 704.875.9091

**Pace Analytical Services, Inc.**  
2225 Riverside Drive  
Asheville, NC 28804  
Phone: 828.254.7176  
Fax: 828.252.4618

Lab Project Number: 92126528  
Client Project ID: Kent's Corner 06-984

Lab Sample No: 927375329      Project Sample Number: 92126528-001      Date Collected: 08/28/06 12:15  
Client Sample ID: GPW-1      Matrix: Water      Date Received: 08/30/06 16:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
<b>GC Semivolatiles</b>								
EDB and DBCP in Water	Method: EPA 8011							
1,2-Dibromoethane (EDB)	ND	ug/l	0.020	08/31/06 21:47	RCS1	106-93-4		
1-Chloro-2-bromopropane (S)	99	%		08/31/06 21:47	RCS1	301-79-56		
<b>GC/MS Volatiles</b>								
GC/MS VOCs by 8260	Method: EPA 8260							
Benzene	ND	ug/l	5.0	09/06/06 17:04	MCK	71-43-2		
Ethylbenzene	ND	ug/l	5.0	09/06/06 17:04	MCK	100-41-4		
Methyl-tert-butyl ether	ND	ug/l	5.0	09/06/06 17:04	MCK	1634-04-4		
Naphthalene	ND	ug/l	5.0	09/06/06 17:04	MCK	91-20-3		
Toluene	ND	ug/l	5.0	09/06/06 17:04	MCK	108-88-3		
Xylene (Total)	ND	ug/l	5.0	09/06/06 17:04	MCK	1330-20-7		
m&p-Xylene	ND	ug/l	10.	09/06/06 17:04	MCK			
o-Xylene	ND	ug/l	5.0	09/06/06 17:04	MCK	95-47-6		
Toluene-d8 (S)	92	%		09/06/06 17:04	MCK	2037-26-5		
4-Bromofluorobenzene (S)	89	%		09/06/06 17:04	MCK	460-00-4		
Dibromofluoromethane (S)	106	%		09/06/06 17:04	MCK	1868-53-7		
1,2-Dichloroethane-d4 (S)	125	%		09/06/06 17:04	MCK	17060-07-0		

Date: 09/07/06

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Lab Project Number: 92126528  
Client Project ID: Kent's Corner 06-984

#### PARAMETER FOOTNOTES

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

ND	Not detected at or above adjusted reporting limit
NC	Not Calculable
J	Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL	Adjusted Method Detection Limit
(S)	Surrogate

Date: 09/07/06

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## QUALITY CONTROL DATA

Lab Project Number: 92126528

Client Project ID: Kent's Corner 06-984

QC Batch: 166502      Analysis Method: EPA 8011  
QC Batch Method: EPA 504.1      Analysis Description: EDB and DBCP in Water  
Associated Lab Samples: 927375329

METHOD BLANK: 927378190  
Associated Lab Samples: 927375329

Parameter	Units	Blank Result	Reporting Limit	Footnotes
1,2-Dibromoethane (EDB)	ug/l	ND	0.020	
1-Chloro-2-bromopropane (S)	%	85		

LABORATORY CONTROL SAMPLE & LCSD: 927378208 927378216

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	RPD	Footnotes
1,2-Dibromoethane (EDB)	ug/l	0.2500	0.2184	0.2346	87	94	7	
1-Chloro-2-bromopropane (S)					96	99		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 927378224 927378232

Parameter	Units	927375329 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD	Footnotes
1,2-Dibromoethane (EDB)	ug/l	0	0.2500	0.2676	0.2717	107	109	2	
1-Chloro-2-bromopropane (S)						98	101		

SAMPLE DUPLICATE: 927378240

Parameter	Units	927375345 Result	DUP Result	RPD	Footnotes
1,2-Dibromoethane (EDB)	ug/l	ND	ND	NC	
1-Chloro-2-bromopropane (S)	%	94	90		

Date: 09/07/06

Page: 3 of 5

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Fax: 828.252.4618

## QUALITY CONTROL DATA

Lab Project Number: 92126528  
Client Project ID: Kent's Corner 06-984

QC Batch: 166872  
QC Batch Method: EPA 8260  
Associated Lab Samples: 927375329

Analysis Method: EPA 8260  
Analysis Description: GC/MS VOCs by 8260

METHOD BLANK: 927394254  
Associated Lab Samples: 927375329

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Benzene	ug/l	ND	5.0	
Ethylbenzene	ug/l	ND	5.0	
Methyl-tert-butyl ether	ug/l	ND	5.0	
Naphthalene	ug/l	ND	5.0	
Toluene	ug/l	ND	5.0	
Xylene (Total)	ug/l	ND	5.0	
m&p-Xylene	ug/l	ND	10.	
o-Xylene	ug/l	ND	5.0	
Toluene-d8 (S)	%	99		
4-Bromofluorobenzene (S)	%	92		
Dibromofluoromethane (S)	%	103		
1,2-Dichloroethane-d4 (S)	%	120		

LABORATORY CONTROL SAMPLE: 927394262

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Benzene	ug/l	50.00	50.28	101	
Ethylbenzene	ug/l	50.00	60.02	120	
Methyl-tert-butyl ether	ug/l	50.00	58.48	117	
Naphthalene	ug/l	50.00	44.98	90	
Toluene	ug/l	50.00	50.99	102	
Xylene (Total)	ug/l	150.00	180.6	120	
m&p-Xylene	ug/l	100.00	122.0	122	
o-Xylene	ug/l	50.00	58.62	117	
Toluene-d8 (S)				98	
4-Bromofluorobenzene (S)				95	
Dibromofluoromethane (S)				98	
1,2-Dichloroethane-d4 (S)				115	

Date: 09/07/06

Page: 4 of 5

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Lab Project Number: 92126528  
Client Project ID: Kent's Corner 06-984

#### QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines, unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

LCS(D) Laboratory Control Sample (Duplicate)  
MS(D) Matrix Spike (Duplicate)  
DUP Sample Duplicate  
ND Not detected at or above adjusted reporting limit  
NC Not Calculable  
J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit  
MDL Adjusted Method Detection Limit  
RPD Relative Percent Difference  
(S) Surrogate

Date: 09/07/06

Page: 5 of 5

Asheville Certification IDs  
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Marketing & Transportation Engineering  
Environmental Technical Services

---

**Marathon Petroleum Company LP**

539 South Main Street  
Findlay, OH 45840  
Tel: 419 422 2121  
Fax 419 421 4026

September 30, 2016

Kimberly Kuhn, Site Coordinator  
Corrective Action Section/UST Management Division  
Bureau of Land & Waste Management  
2600 Bull Street  
Columbia, South Carolina 29201

Re: Groundwater Analyses Report  
Port Unit 0288,  
2224 Broad River Road, Richland County, Columbia, SC  
UST Permit #07758;  
Release Reported - December 19, 1989

Dear Ms. Kuhn:

Marathon Petroleum Company LP (MPC) has maintained quarterly groundwater sampling events to monitor groundwater plume conditions beneath the MPC site and the neighboring properties. The following report documents a groundwater sampling event conducted at the referenced site in July 2016.

During July 2016, depth-to-fluid measurements and groundwater samples were collected from all accessible monitoring wells in the referenced area (total: 35). All field protocol was conducted in accordance with the most recent version of the SCDHEC Quality Assurance Program Plan (QAPP).

The petroleum release associated with UST Permit #07758 has been reduced from measurable free product to the reduction of contaminants of concern (CoCs) below site specific target levels (SSTLs). And information gained from the July 2016 groundwater assessment continues to demonstrate a stable plume with a well defined plume margin. Also, MPC previously submitted evidence to the SCDHEC for the presence of another release beneath the Applebee's site and it is MPC's understanding that this request is currently under review by the SCDHEC regulatory group. Information gained since the submittal of this request, continues to support the presence of this release.

The petroleum contamination beneath the Applebee's property is not believed to be related to UST Permit #07758 (former SSA site) and furthermore, historical site results supplemented with the July 2016 assessment indicate the site's release (UST Permit #07758) warrants a Conditional No Further Action (NFA) status.

30 September 2016

Page 2

If you have any questions, please contact me at 419-421-2225 or via email at [cvarga@marathonpetroleum.com](mailto:cvarga@marathonpetroleum.com) or you can contact our consultant at (216) 486-9005 or via email at [ken.yokoyama@parsons.com](mailto:ken.yokoyama@parsons.com).

Sincerely,

A handwritten signature in black ink that reads "Colleen Varga". The signature is written in a cursive, flowing style.

Colleen Varga  
Project Leader  
Environmental Technical Services  
Marathon Petroleum Company LP



**PARSONS**

**GROUNDWATER SAMPLING EVENT  
FORMER SPEEDWAY SUPERAMERICA LLC UNIT #0288  
2224 BROAD RIVER ROAD  
COLUMBIA, SOUTH CAROLINA**

**UST Permit #07758**

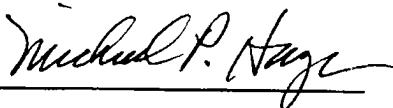
**Prepared For:**

**MARATHON PETROLEUM COMPANY, LP  
539 South Main Street  
Findlay, Ohio 45840-3295**

**September 2016**

**Prepared By:**

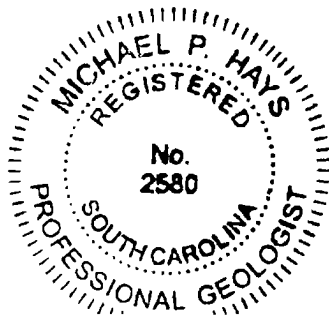
**PARSONS  
4701 Hedgemore Drive  
Charlotte, NC 28209**

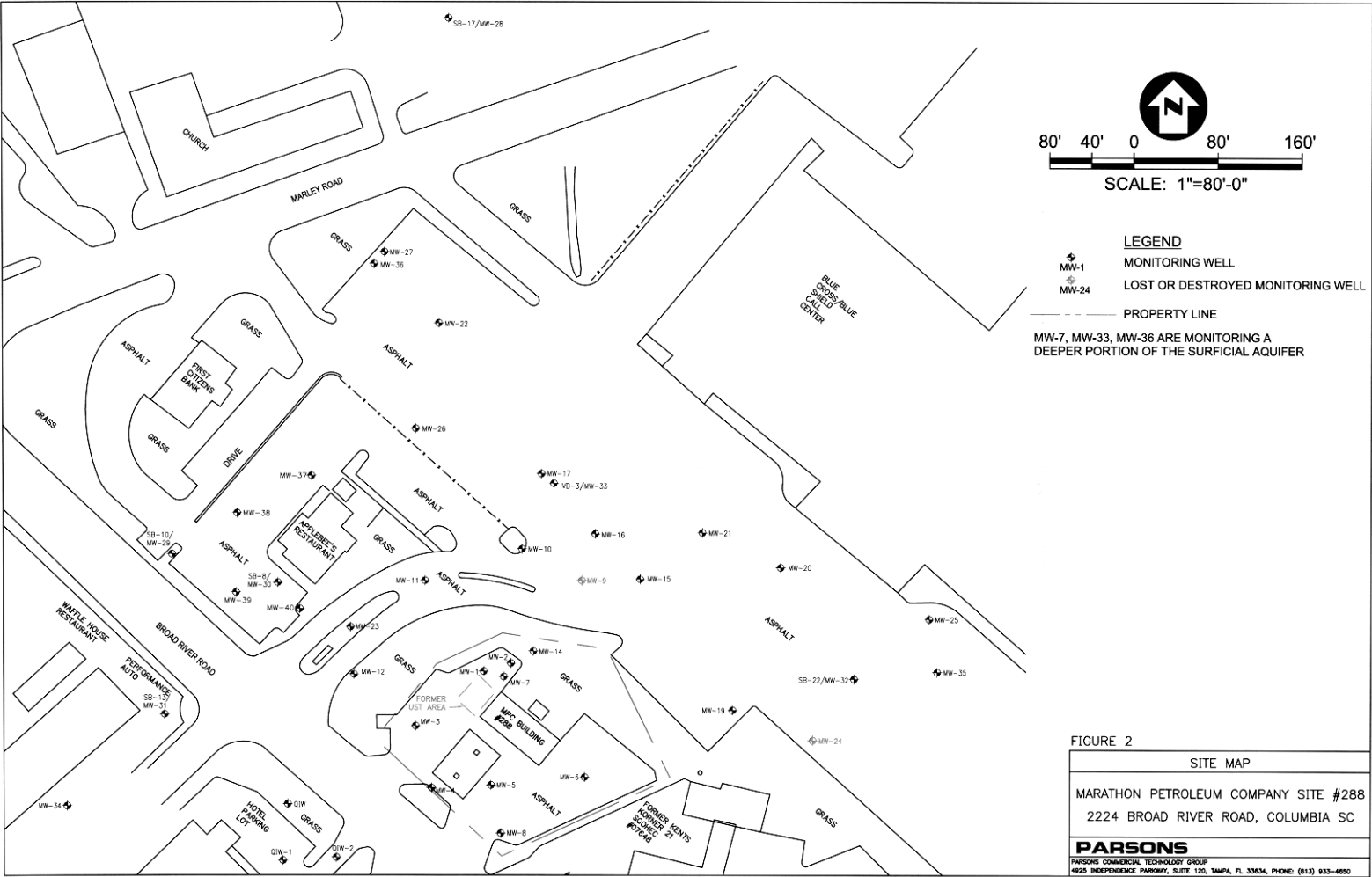


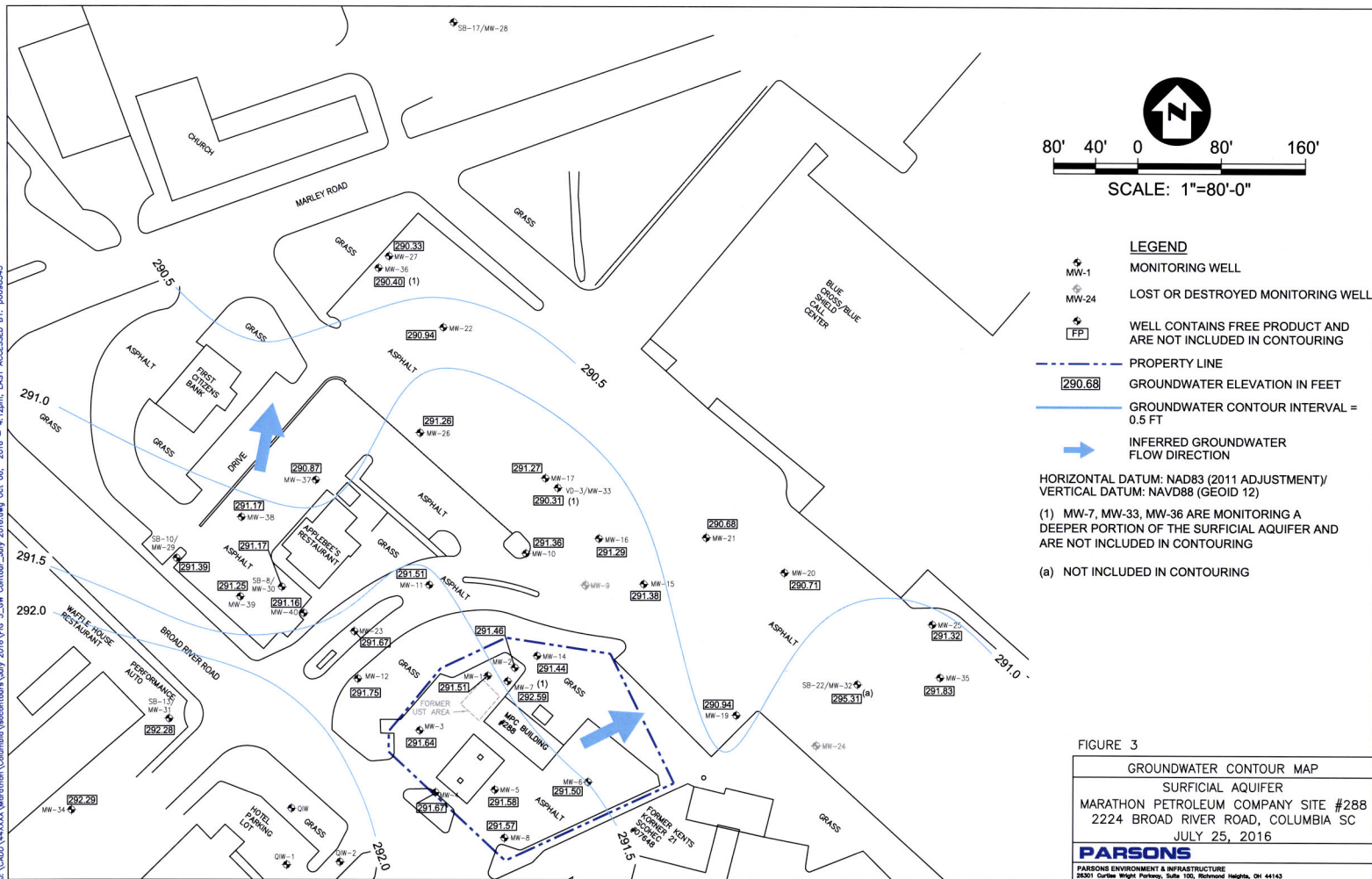
**Michael P. Hays, P.G.  
(Reviewer)**

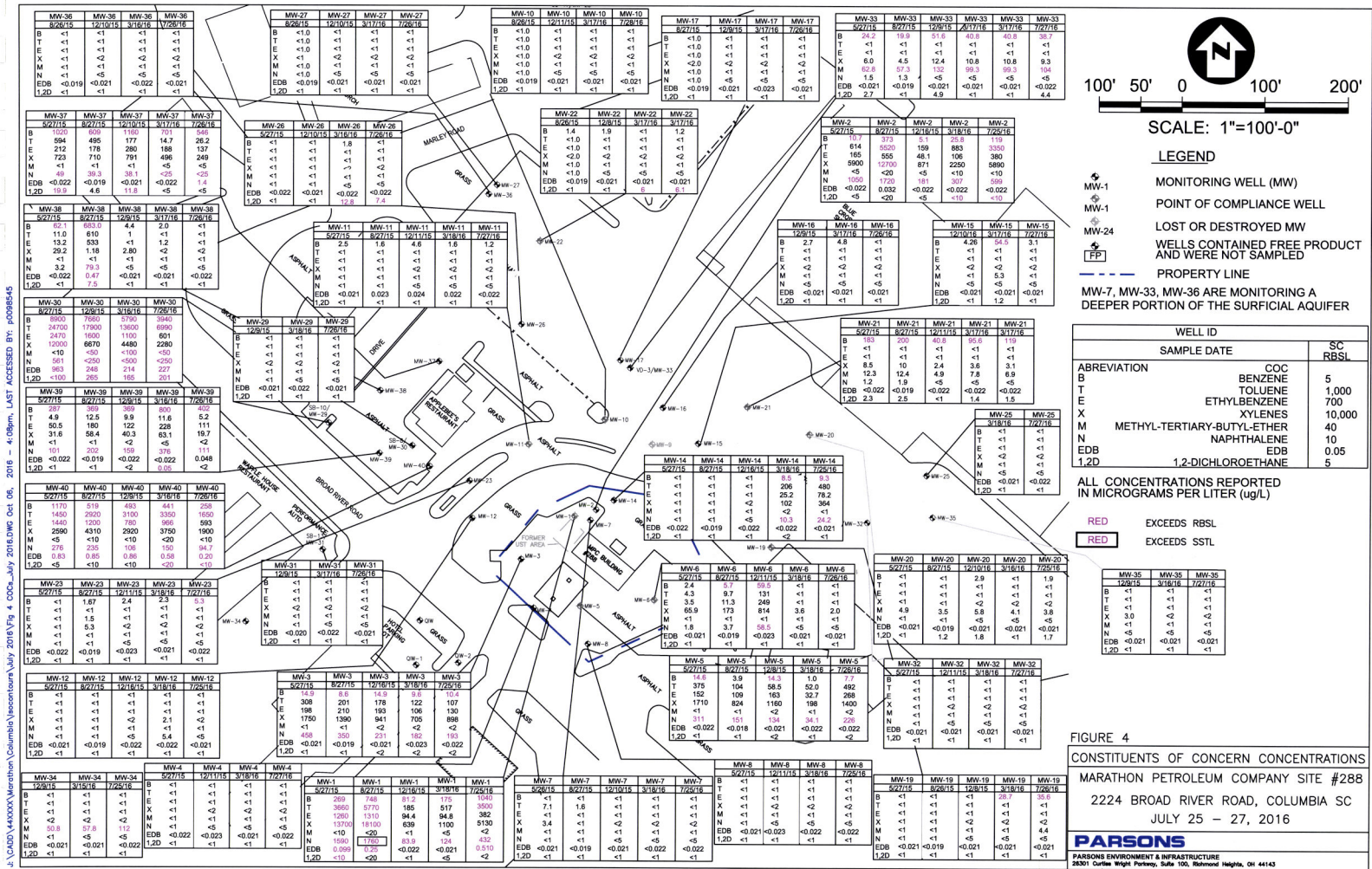


**Ray Banary  
Project Manager**









J:\CADD\44000X\Marathon\Columns\Viscous\July 2016\Fig 4 CDDs July 2016.DWG Oct 06, 2016 - 4:05pm, LAST ACCESS BY: p008543

# Appendix F—Property Deeds

Appendix F includes a summary and copies of pertinent deed information, which was provided to F&ME by TerraTitle, LLC. Copies of the more comprehensive information is not included as part of this report. However, if required by the User, F&ME can make this information available.



## 1. Title Records

### 1.1 Title Search to Delineate Current and Past Ownership

Current and past reasonably ascertainable ownerships were reviewed in and obtained from the Richland County Office of the Register of Deeds and Tax Assessor's Offices located in Richland County, South Carolina, and furnished by Terra Title, LLC.

Ownerships for the tract are noted as follows:

#### 1.1.1 Current Ownership

**TMS Number:** 07402-02-02  
**GRANTOR:** Garvin Oil Company, Inc  
**GRANTEE:** Circle K Stores Inc.  
**BOOK:** R-1955 **PAGE:** 3994  
**DATED:** 06/24/2014 **RECORDED:** 07/01/2014

#### 1.1.2 Previous Ownership:

**TMS Number:** 07402-02-02  
**GRANTOR:** Exxon Corporation  
**GRANTEE:** Garvin Oil Company, Inc  
**BOOK:** R-79 **PAGE:** 53  
**DATED:** 05/06/1998 **RECORDED:** 05/22/1998

**TMS Number:** 07402-02-02  
**GRANTOR:** Humble Oil & Refining Company  
**GRANTEE:** Exxon Corporation  
**BOOK:** D-269 **PAGE:** 560  
**DATED:** 12/19/1973 **RECORDED:** 02/02/1973

**TMS Number:** 07402-02-02  
**GRANTOR:** The Great Southern Mortgage Company (FKA The Great Southern Insurance Company)  
**GRANTEE:** Humble Oil & Refining Company  
**BOOK:** 383 **PAGE:** 409  
**DATED:** 04/13/1964 **RECORDED:** 04/13/1964

**TMS Number:** 07402-02-02

**GRANTOR:** Minnie T. Young

**GRANTEE:** The Great Southern Mortgage Company (FKA The Great Southern Insurance Company)

**BOOK:** 262 **PAGE:** 102

**DATED:** 11/05/1959 **RECORDED:** 11/06/1959

STATE OF SOUTH CAROLINA

COUNTY OF RICHLAND

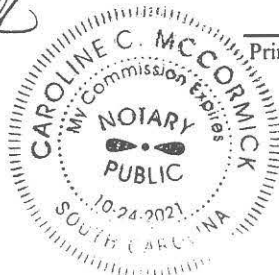
AFFIDAVIT

PERSONALLY appeared before me the undersigned, who being duly sworn, deposes and says:

1. I have read the information of this affidavit and I understand such information.
2. The property being transferred is located in Richland County, bearing Richland County Tax Map Number (07402-02-02) was transferred by (Garvin Oil Company, Inc.) to (Circle K Stores Inc.) on the (24) day of (June), 2014.
3. Check one of the following: The deed is
  - (a) \_\_\_\_\_ subject to the deed recording fee as a transfer for consideration paid or to be paid in money or money's worth.
  - (b) \_\_\_\_\_ subject to the deed recording fee as a transfer between a corporation, a partnership, or other entity and a stockholder, partner, or owner of the entity, or is a transfer to a trust or as a distribution to a trust beneficiary.
  - (c) X exempt from the deed recording fee because (See Information section of affidavit):  
#12  
(If exempt, please skip items 4 - 7 and go to item 8 of this affidavit.)
4. Check one of the following if either item 3(a) or item 3(b) above has been checked (See Information section of this affidavit):
  - (a) \_\_\_\_\_ The fee is computed on the consideration paid or to be paid in money or money's worth in the amount of \_\_\_\_\_.
  - (b) \_\_\_\_\_ The fee is computed on the fair market value or the realty which is \_\_\_\_\_.
  - (c) \_\_\_\_\_ The fee is computed on the fair market value of the realty as established for property tax purposes which is \_\_\_\_\_.
5. Check Yes \_\_\_\_\_ or No X to the following: A lien or encumbrance existed on the land, tenement, or realty before the transfer and remained on the land, tenement, or realty after the transfer. If "Yes," the amount of the outstanding balance of this lien or encumbrance is: \_\_\_\_\_.
6. The deed recording fee is computed as follows:
  - (a) Place the amount listed in item 4 above here: \$ \_\_\_\_\_
  - (b) Place the amount listed in item 5 above here: \$ \_\_\_\_\_
  - (c) Subtract Line 6(b) from Line 6(a) and place result here: \$ \_\_\_\_\_
7. The deed recording fee due is based on the amount listed on Line 6(c) above and the deed recording fee due is: \_\_\_\_\_.
8. As required by Code Section 12-24-70, I state that I am a responsible person who was connected with the transaction as:  
Attorney
9. I understand that a person required to furnish this affidavit who willfully furnishes a false or fraudulent affidavit is guilty of a misdemeanor and, upon conviction, must be fined not more than one thousand dollars or imprisoned not more than one year, or both.

SWORN to before me this  
24 day of June, 2014.

Caroline C. McCormick  
Notary Public for South Carolina  
My Commission Expires: 10-24-21



Wm. Ray Massey  
Responsible Person Connected with the Transaction

Wm. Ray Massey  
Print or Type Name Here

## INFORMATION

Except as provided in this paragraph, the term "value" means "the consideration paid or to be paid in money or money's worth for the realty." Consideration paid or to be paid in money's worth includes, but is not limited to, other realty, personal property, stocks, bonds, partnership interest and other intangible property, the forgiveness or cancellation of a debt, the assumption of a debt, and the surrendering of any right. The fair market value of the consideration must be used in calculating the consideration paid in money's worth. Taxpayers may elect to use the fair market value of the realty being transferred in determining fair market value of the consideration. In the case of realty transferred between a corporation, a partnership, or other entity and a stockholder, partner, or owner of the entity, and in the case of realty transferred to a trust or as a distribution to a trust beneficiary, "value" means the realty's fair market value. A deduction from value is allowed for the amount of any lien or encumbrance existing on the land, tenement, or realty before the transfer and remaining on the land, tenement, or realty after the transfer. Taxpayers may elect to use the fair market value for property tax purposes in determining fair market value under the provisions of the law.

Exempted from the fee are deeds:

- (1) transferring realty in which the value of the realty, as defined in Code Section 12-24-30, is equal or less than one hundred dollars;
- (2) transferring realty to the federal government or to a state, its agencies and departments, and its political subdivisions, including school districts;
- (3) that are otherwise exempted under the laws and Constitution of this State or of the United States;
- (4) transferring realty in which no gain or loss is recognized by reason of Section 1041 of the Internal Revenue Code as defined in Section 12-6-40(A);
- (5) transferring realty in order to partition realty as long as no consideration is paid for the transfer other than the interests in the realty that are being exchanged in order to partition the realty;
- (6) transferring an individual grave space at a cemetery owned by a cemetery company licensed under Chapter 55 of Title 39;
- (7) that constitute a contract for the sale of timber to be cut;
- (8) transferring realty to a corporation, a partnership, or a trust in order to become, or as, a stockholder, partner, or trust beneficiary of the entity provided no consideration is paid for the transfer other than stock in the corporation, interest in the partnership, beneficiary interest in the trust, or the increase in value in such stock or interest held by the grantor. However, the transfer of realty from a corporation, a partnership, or a trust to a stockholder, partner, or trust beneficiary of the entity is subject to the fee even if the realty is transferred to another corporation, a partnership, or trust;
- (9) transferring realty from a family partnership to a partner or from a family trust to a beneficiary, provided no consideration is paid for the transfer other than a reduction in the grantee's interest in the partnership or trust. A "family partnership" is a partnership whose partners are all members of the same family. A "family trust" is a trust, in which the beneficiaries are all members of the same family. The beneficiaries of a family trust may also include charitable entities. "Family" means the grantor and the grantor's spouse, parents, grandparents, sisters, brothers, children, stepchildren, grandchildren, and the spouses and lineal descendants of any the above. A "charitable entity" means an entity which may receive deductible contributions under Section 170 of the Internal Revenue Code as defined in Section 12-6-40(A);
- (10) transferring realty in a statutory merger or consolidation from a constituent corporation to the continuing or new corporation;
- (11) transferring realty in a merger or consolidation from a constituent partnership to the continuing or new partnership; and,
- (12) that constitute a corrective deed or a quitclaim deed used to confirm title already vested in the grantee, provided that no consideration of any kind is paid or is to be paid under the corrective or quitclaim deed.
- (13) transferring realty subject to a mortgage to the mortgagee whether by deed in lieu of foreclosure executed by the mortgagee or deed pursuant to foreclosure proceedings.
- (14) Transferring realty from an agent to the agent's principal in which the realty was purchased with funds of the principal, provided that a notarized document is also filed with the deed that establishes the fact that the agent and principal relationship existed at the time of the original purchase as well as for the purpose of purchasing the realty.
- (15) transferring title to facilities for transmitting electricity that is transferred, sold, or exchanged by electrical utilities, municipalities, electric cooperatives, or political subdivision to a limited liability company which is subject to regulation under the Federal Power Act (16 U.S.C. Section 791(a)) and which is formed to operate or to take functional control of electric transmission assets as defined the Federal Power Act.

Exxon Company, U.S.A.  
(a division of Exxon Corporation)  
P. O. Box 2180  
Houston, Texas 77252-2180



1998026057

SPECIAL WARRANTY DEED

STATE OF SOUTH CAROLINA §

§

COUNTY OF RICHLAND §

KNOW ALL MEN BY THESE PRESENTS:

THAT EXXON CORPORATION, a New Jersey corporation, having an office at 800 Bell Street, Houston, Texas 77002-7426, ("Grantor") for and in consideration of the sum of Two Hundred Fifty-Five Thousand and 00/100 Dollars (\$255,000.00) cash to it in hand paid by GARVIN OIL COMPANY, INC., a South Carolina corporation having an address of P.O. Box 1249, Wagener, South Carolina 29164, ("Grantee") the receipt of which is hereby acknowledged, does hereby GRANT, BARGAIN, SELL, and CONVEY unto Grantee, subject to the further provisions of this Deed, all that certain tract or parcel of land (the "Property") in the City of Columbia, County of Richland, State of South Carolina, being more particularly described in Exhibit "A" attached hereto and incorporated herein for all purposes.

This conveyance is made by Grantor and accepted by Grantee subject to Grantor's right to re-enter as described herein and all valid and subsisting easements, rights-of-way, conditions, covenants, restrictions, reservations and exceptions of record, including all building and zoning ordinances, laws, regulations and restrictions by municipal or other governmental authority applicable to the Property and all matters apparent from an inspection of the Property, or which a current, accurate survey of the Property would disclose (including but not limited to encroachments, overlaps or boundary line disputes), collectively the "Permitted Encumbrances".

Grantee acknowledges that the Property has been used as an automobile service station for the storage, sale, transfer and distribution of motor vehicle fuel, petroleum products or derivatives containing hydrocarbons, and that such fuel, products or derivatives or other related substances may have been spilled, leaked, or otherwise discharged onto or into the Property causing contamination to the soil or groundwater on or under the Property.

Grantor has conducted an environmental site assessment to determine the presence of petroleum hydrocarbons in the soil or groundwater on and under the Property. The written reports setting forth the results of such assessment delineate the amount and location of any hydrocarbons identified in the soil and/or groundwater and establishes the "Baseline Condition" of the Property. If further testing or remediation is required by any governmental authority with jurisdiction over the environmental condition of the Property, the Baseline Condition shall be modified as reasonably indicated by the results of such tests.

Grantor will undertake such remediation of the Baseline Condition as Grantor reasonably deems necessary or appropriate to comply with applicable laws, regulations or government orders and will remediate the Baseline Condition to the levels required by applicable governmental authorities. Grantor shall not be responsible for investigation or remediation of (or any costs or expenses related to) any hydrocarbons or other contamination deposited on or into the Property after the date of recordation of this Deed ("Effective Date"), or migrating onto or into the Property after the Effective Date. The owner of the Property will be responsible for investigation and/or remediation of any hydrocarbons or other contamination deposited on or into the Property after the Effective Date.

The owner of the Property shall assign to Grantor any and all right, claim or interest which the owner of the Property or the Property may have to payment or reimbursement by any third party or any governmental authority in connection with remediation of the Baseline Condition.

Grantor reserves the exclusive right to negotiate with any third party or governmental authority regarding testing and/or remediation efforts for any investigation or remedial work performed by Grantor pursuant to this Deed or which a third party or governmental authority may require.

During the period in which Grantor is performing remediation or monitoring activities on the Property, Grantor and the owner of the Property will upon request provide to the other copies of all reports, correspondence, notices and communications sent to or received from any governmental authority regarding the environmental condition of the Property or any remediation and/or investigation at the Property.

GRANTOR'S REMEDIATION RESPONSIBILITIES SHALL INURE ONLY TO THE BENEFIT OF GRANTEE AND THE LENDING INSTITUTION HOLDING THE MORTGAGE TO FINANCE GRANTEE'S PURCHASE OF THE PROPERTY AND NOT TO SUBSEQUENT PURCHASERS, ASSIGNS, OR SUCCESSORS OF EITHER OR ANY OTHER PERSON OR ENTITY EXCEPT AS TO THE ASSIGNMENT RIGHTS EXPRESSLY PROVIDED IN A SEPARATE AGREEMENT BETWEEN GRANTOR AND GRANTEE.

Grantor reserves the right of access to the Property, at no cost to Grantor, for Grantor, Grantor's employees, agents and contractors for the purpose of conducting investigation and remediation operations. Grantor shall, to the extent practicable consistent with sound remediation practices, undertake such investigation and remediation actions in a manner that will not unreasonably disrupt any operations on the Property. Grantor will not be liable to the owner of the Property, its successors, assigns, tenants or users for business disruption or any other damage, injury or loss whatsoever resulting from such access or remediation; however, Grantor will not prevent the owner of the Property or its tenants from using the Property unless such prevention results from complying with a requirement of any governmental authority. The owner of the Property shall be responsible for any cost or expense to relocate, repair, or replace investigation and/or remediation equipment resulting from the acts or omissions of the owner of the Property or its contractors, invitees, or employees and shall reimburse Grantor for such costs.

I-20 and Broad River  
SC3 SWD.DOC



As further consideration for this conveyance, Grantee, for itself, its heirs, legal representatives, successors and assigns, as applicable, hereby releases, holds harmless, and forever discharges Grantor, its representatives, successors and assigns, from any and all claims, demands, liabilities (including fines and civil penalties) or causes of action at law or in equity including, without limitation, any statutory causes of action, including the Comprehensive Environmental Response Compensation and Liability Act of 1980, "as amended" ("CERCLA") and the Resource Conservation and Recovery Act of 1976, as amended ("RCRA") for injury (including death), destruction, loss or damage of any kind or character to the person or property of Grantee (and any subsequent owner of the Property, as applicable) and the employees, agents, servants and representatives of such parties arising out of or in relation to any actual or alleged spills, leaks or other discharges of motor vehicle fuel or petroleum products or derivatives containing hydrocarbons on or into the Property, except as to Grantor's obligation, if any, to remediate the Baseline Condition.

As further consideration for this conveyance, Grantee shall be responsible for, and shall defend (with counsel acceptable to Grantor) and indemnify Grantor from and against any loss, claim, damage or liability to include property damage and personal injury and to include any claim made under CERCLA and RCRA, asserted by any third party or public authority, arising out of or in relation to any surface or subsurface contamination of the Property which may occur on the Property after Effective Date, unless caused by the sole negligence of Grantor. If such property damage, personal injury, or loss results from the joint negligence or willful misconduct of Grantor and the owner of the Property, the Property owner's duty of indemnification shall be in proportion to its allocable share of such joint negligence or willful misconduct.

The conditions, covenants and other provisions set out in this Deed shall be covenants running with the land and shall be binding upon and (except as expressly provided otherwise) shall inure to the benefit of the parties, their subsidiaries, affiliates, legal representatives, heirs, successors and assigns as applicable.

Ad valorem taxes and special assessments, if any, against the Property for the year in which the Effective Date occurs will be pro-rated between Grantor and Grantee as of the Effective Date, and Grantee hereby assumes and agrees to pay same.

TO HAVE AND TO HOLD the Property, together with the appurtenances, estate, title and interest thereto, unto Grantee, Grantee's successors, heirs and assigns forever, subject to the provisions hereof, and in lieu of all other warranties, express or implied, Grantor does hereby bind itself, its successors and assigns, to warrant and forever defend the title to the Property unto Grantee, Grantee's successors, heirs and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, by, through or under Grantor, but not otherwise, subject to the Permitted Encumbrances.

IN WITNESS WHEREOF, Grantor has caused these presents to be subscribed by its Agent and Attorney-in-Fact, J.A. Hicks, and its corporate seal to be hereunto affixed and attested by its Assistant Secretary, William C. Riggs, all as authorized by the Board of Directors.

GRANTOR:

EXXON CORPORATION

WITNESSES:

[Signature]  
1st Witness

[Signature]  
2nd Witness

By: [Signature] 5/1/98  
Name: J.A. Hicks  
Title: Agent and Attorney-in-Fact

FORM  
APPROVED

ATTEST:

By: [Signature]  
Name: WILLIAM C. RIGGS  
Title: Assistant Secretary

GRANTEE:

GARVIN OIL COMPANY, INC.

WITNESSES:

[Signature]  
1st Witness

[Signature]  
2nd Witness

By: [Signature]  
Name: William D. McElrea  
Title: Attorney in fact

ATTEST:

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_