

Phase I Environmental Site Assessment Report

Richland County Tax Map #R07402-02-01
2224 Broad River Road, Columbia, SC

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

June 14, 2017



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June 14, 2017

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

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, North American Title Loans, located at 2224 Broad River Road, Columbia, South Carolina 29210 (Property). The Property is identified with the Richland County Tax Map number R07402-02-01. 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-four (24) facilities within the minimum search distances. Of the twenty-four (24) facilities identified, fourteen (14) are Underground Storage Tank (UST) facilities, nine (9) 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) Recognized Environmental Condition from a past UST release which occurred directly on the Property and one (1) Controlled 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 Property 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 the Property. 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 2224 Broad River Road, Columbia, South Carolina 29210. According to the online Richland County GIS mapping tool, the Property is listed under parcel number R07402-02-01, 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 North American Title Loans. 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 315 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 North American Title Loans.

3.5 Current Uses of the Adjoining Properties

The Property is situated in an urban/suburban area, generally surrounded by commercial sales and service facilities.

Location Relative to the Property	Adjoining Property/Facility Description
North	Teleperformance
South	The Black Pearl Restaurant and Economy Inn Hotel
East	Circle K Store
West	Entrance to Teleperformance and Applebee's Restaurant

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

AA Holding Company LLC, 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 2005 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-four (34) environmental records were identified for twenty-four (24) facilities within the minimum search distances. Of the twenty-four (24) facilities identified, fourteen (14) are UST facilities, nine (9) 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 (hazardous waste) conditionally exempt small quantity generator (CESQG) is located within the minimum search distance. Carolina Industrial Inc./Aamco Transmissions is located approximately 1,015 feet north west 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 (Circle K/Kent's Korner/Exxon 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 fourteen (14) UST sites registered with the State within the minimum search distance. These sites are as follows.

- Property, North American Title Loans (former Speedway) (Permit number 07758), located at 2224 Broad River Road (release, target Property)
- Circle K Convenience Store (Kent's Korner/Exxon) (Permit number 07648), located at 2220 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)
- Yokohama Tire (Permit number 18544), located at 2341 Broad River Road (release, higher 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, higher 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)

Three (3) of the UST facilities (Texaco Service, Fraiser Tire and Penske Auto Center) were at a lower elevation and/or had no known releases identified during operation. Nine (9) of the UST facilities (Yokahama Tire, Columbia Fire Department, McQuick's, Sheppard's Texaco, former Racetrac, former Gulf Service Station, Constan Inc., 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.

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 Property, 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 the Property 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 the Property. 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 the Property and adjoining parcels in 2016, is provided in Appendix E.

During F&ME's field reconnaissance, fourteen (14) groundwater monitoring wells were located on and off the Property. 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 Property. 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 the Property 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 the Property, 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.

Circle K Convenience Store (Kent's Korner) (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 parcel 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 parcel. 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 this parcel 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 parcel. Based on discussions with Ed Mendenhall of the UST Program at SCDHEC, 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 inspections are 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, groundwater and soil have been affected by the release. Due to the presence of contaminated soils, it is possible that vapor-phase migration concerns currently exist on this parcel 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.

5.1.3 DRY-CLEANING FACILITIES

The database search found nine (9) SHWS and Dry-cleaning facilities within the minimum search distance. These sites are as follows.

- Former Dry-cleaner, located at 1307 Marley Drive (release, lower elevation)
- 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), located at 422 Broad River Road (release, lower elevation)
- Brite Cleaners (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 six (6) 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 (3,249 feet, 3,476 feet, and 4,835 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 was primarily rural farmland and woodlands. The Property, at that time, appears to be the site of an old farm and farm house surrounded by open fields and other farms. A dirt road is located in front of the Property close to the alignment of Broad River Road. 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. In 1966, the Property appears to be vacant and the old house is no longer there. 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, west, and east of the Property have also been developed. The parcel to the south has not been developed. However, the home and out-buildings are no longer located on this parcel.

Between 1971 to 1983, modifications or renovations have occurred on the building on the Property. By 1983, the adjoining parcels to the south, Brandi's Restaurant & Lounge and the Economy Inn, have 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 Home Quarters renovation replaces the asphalt parking lot adjacent to the west side of the Property with the current grass lot seen today. By 1999, the gas station to the east has been renovated and by 2006, the cell tower has been constructed on the north east portion of the Property, between the two (2) gas stations. 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 Newman Shell Station. The city directories also show that Shealy's Esso operated the parcel to the east and GEX Membership Department Store operated the parcels to the west and north. The city directory also appears to support modifications or renovations to the Property because the name changed to Mack's Shell Station in 1978.

By 1983, the directory shows that the Property changed names again to Time Saver No. 7. 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 name for the Property in the directory from 1988 to 1992 is listed as Port No. 288 Gas-Grocery. No listings are provided in the directory for the Property from 1995 to 1999. In 2003, the address reappears as Steven Ware, Ware House of Cars. In 2008, the name appears as the current listing, North American Title Loans.

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 title loan establishment. The appearance of the painted brick building with a glass front and fuel island canopy indicate that this is a former filling station and convenience store. 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 underground storage tank cluster, fueling dispenser islands without pumps, approximately fourteen (14) monitoring wells, dumpster, two (2) sealed 55-gallon drums marked as “non-hazardous waste,” indicating the contents as “purge water,” HVAC units, two (2) concrete pads (former out-buildings), and a cell phone tower.

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 an old gas station and convenience store that has been converted into North American Title Loans.
- Most of the Property is paved with either asphalt or concrete.
- 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.
- Five (5) USTs were listed on the Registry, and were confirmed to be abandoned during field reconnaissance.

- According to the latest monitoring report, approximately thirty-five (35) groundwater monitoring and recovery wells are associated with the release on the Property. Fourteen (14) were located during field reconnaissance.
- 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-four (34) environmental records were identified for twenty-four (24) facilities within the minimum search distances. Of the twenty-four (24) facilities identified, fourteen (14) were UST facilities, nine (9) were associated with dry-cleaners and State Hazardous Waste Sites, one (1) is a RCRA generators.
 - The Property is a North American Title Loans facility (formerly Speedway), located at 2224 Broad River Road. Research indicates 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 indicates that a release to groundwater occurred, and contamination was present on site and continues to be monitored.
 - Three (3) of the UST facilities (Texaco Service, Fraiser Tire and Penske Auto Center) were at a lower elevation and/or had no known releases identified during operation.
 - Nine (9) of the UST facilities (Yokahama Tire, Columbia Fire Department, McQuick's, Sheppard's Texaco, former Racetrac, former Gulf Service Station, Constan Inc., 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.
 - Six (6) 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 Property still has contamination associated with the past release. 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 Property, 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) and subsequently lead SCDHEC to require deed restrictions for the Property. 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 Property 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 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. 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.
- 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. Groundwater contamination above the maximum contamination limit (MCL) was noted to remain on the parcel. 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 a "long term threat." It is understood that, although an NFA was provided in 1998, periodic inspections are still performed at the site. 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 parcel and within the Broad River Road and I-20 right-of-way. 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.

10. Conclusions

F&ME has performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-13 of 2224 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 2224 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 #R07402-02-01
2224 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 #R07402-02-01
2224 Bush River Road, Columbia, SC



Appendix C—Site Photographs

Photograph 1



View of the main building on the Property from southwest corner.

1

Photograph 2



View from the southwest corner looking east along Broad River Road.

2

Photograph 3



View from the southwest corner looking toward the adjoining parcel to the west.

3

Photograph 4



View of Broad River Road facing west.

4

Photograph 5



View of adjoining
parcels across
Broad River Road.

5

Photograph 6



View of adjoining
parcels across
Broad River Road.

6

Photograph 7



View of adjoining
parcels across
Broad River Road.

7

Photograph 8



View from the
northwest corner
looking south.

8

Photograph 9



View from the northwest corner looking southeast along the rear of the Property.

9

Photograph 10



View of the cell phone tower located at the northeast corner.

10

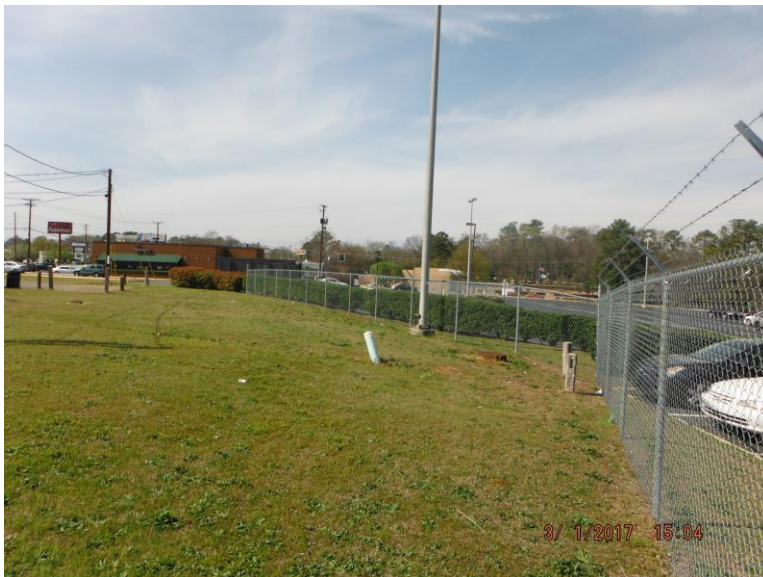
Photograph 11



View of the cell phone tower station located at northeast corner.

11

Photograph 12



View from the northeast corner looking northwest.

12

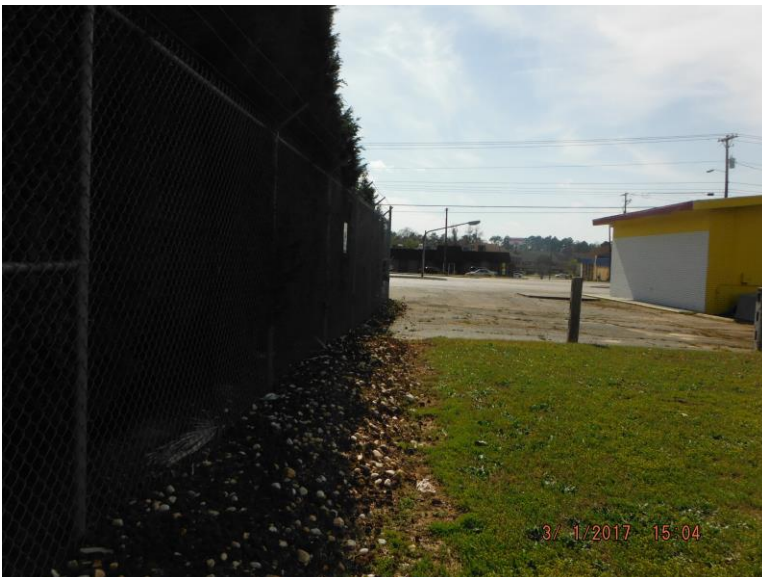
Photograph 13



View of the main building from the northeast corner.

13

Photograph 14



View from the northeast corner looking southwest.

14

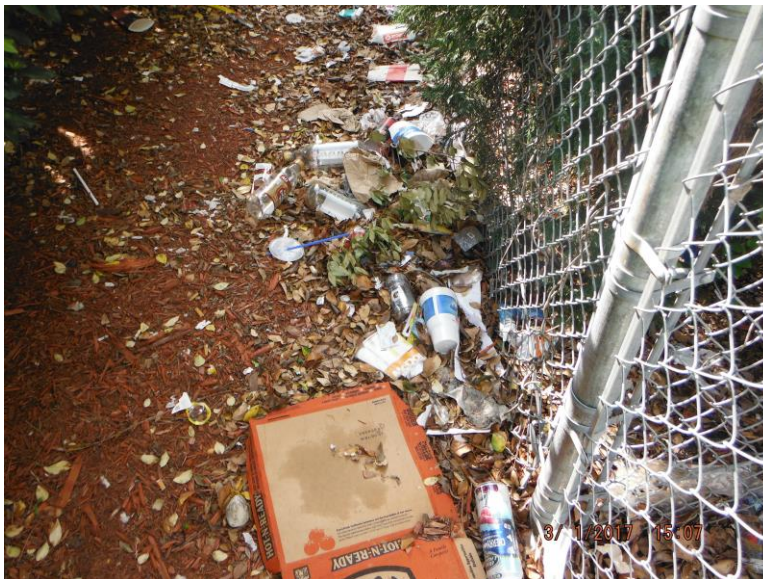
Photograph 15



View from the east side of the Property looking southwest.

15

Photograph 16



Trash along the fence line located along the southeast side of the Property.

16

Photograph 17



View from the
southeast corner
facing west along
Broad River Road.

17

Photograph 18



View of the main
building from the
southeast corner.

18

Photograph 19



View from the
southeast corner
looking northeast.

19

Photograph 20



Evidence of
underground
utilities along
Broad River Road.

20

Photograph 21



Monitoring well located on the adjoining parcel located to the northwest.

21

Photograph 22



Monitoring wells located at the rear of the Property behind the main building. Two 55-gallon drums of purge water from a groundwater sampling event are also located here.

22

Photograph 23



Close-up view of the non-hazardous waste purge water drum label from groundwater sampling event.

23

Photograph 24



View of adjoining parcel located to the northeast.

24

Photograph 25



HVAC unit located
behind the main
building.

25

Photograph 26



Concrete pad
located behind the
main building.

26

Photograph 27



Second concrete pad located adjacent to the main building on the southeast side.

27

Photograph 28



Pole-mounted electrical transformer.

28

Photograph 29



Concrete footings for previous signs located along Broad River Road.

29

Photograph 30



Concrete footings for previous sign located near the entrance at Broad River Road. Also, view of trash dumpster in the background.

30

Appendix D—Historical Research Documentation

R07402-02-01

2224 Broad River Road columbia SC 29210-6730

Columbia, SC 29210

Inquiry Number: 4857343.116

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

EDR Aerial Photo Decade Package

02/17/17

Site Name:

R07402-02-01
2224 Broad River Road columb
Columbia, SC 29210
EDR Inquiry # 4857343.116

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: May 01, 1943	USDA
1938	1"=500'	Flight Date: April 11, 1938	USDA

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INQUIRY #: 4857343.116

YEAR: 2011

— = 500'





INQUIRY #: 4857343.116

YEAR: 2009

— = 500'





INQUIRY #: 4857343.116

YEAR: 2006

— = 500'





INQUIRY #: 4857343.116

YEAR: 2005

— = 500'





INQUIRY #: 4857343.116

YEAR: 1999

— = 750'





INQUIRY #: 4857343.116

YEAR: 1994

— = 500'





INQUIRY #: 4857343.116

YEAR: 1989

— = 500'





INQUIRY #: 4857343.116

YEAR: 1983

— = 500'





INQUIRY #: 4857343.116

YEAR: 1971

— = 500'





INQUIRY #: 4857343.116

YEAR: 1966

— = 500'





INQUIRY #: 4857343.116

YEAR: 1964

— = 500'





INQUIRY #: 4857343.116

YEAR: 1955

— = 500'





INQUIRY #: 4857343.116

YEAR: 1951

— = 500'





INQUIRY #: 4857343.116

YEAR: 1943

— = 500'





INQUIRY #: 4857343.116

YEAR: 1938

— = 500'



R07402-02-01

2224 Broad River Roadcolumbia SC 29210-6730
Columbia, SC 29210

Inquiry Number: 4857343.115
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

2224 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 A4	Cole Information Services	
1995	pg A5	Cole Information Services	
1992	pg A6	Cole Information Services	
1988	pg A7	Polk's City Directory	
1983	pg A8	Polk's City Directory	
1978	pg A9	Hill's City Directory	
1973	pg A10	Hill's City Directory	
1970	pg A11	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

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

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
2505	QUALITY SHINE

BROAD RIVER RD 2003

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
2426	CASH ADVANCE EVERETT BROCKINGTON WIRELESS SERVICES OF AMERICA
2428	OCCUPANT UNKNOWN
2503	OCCUPANT UNKNOWN
2504	OCCUPANT UNKNOWN USA AUTO SALES
2505	OCCUPANT UNKNOWN PROWASH

BROAD RIVER RD 1999

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

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
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
2505	SNAPPY CAR WASH

BROAD RIVER RD 1992

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
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 TRANSMISNS
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 liqudate 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 Dems 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

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

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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 772-5760	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



R07402-02-01

2224 Broad River Road columbia SC 29210-6730

Columbia, SC 29210

Inquiry Number: 4857343.112

February 17, 2017

Certified Sanborn® Map Report



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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

02/17/17

Site Name:

R07402-02-01
2224 Broad River Road columk
Columbia, SC 29210
EDR Inquiry # 4857343.112

Client Name:

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



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Certified Sanborn Results:

Certification # B7F8-4451-89B7

PO # G5662.000

Project G5662.000

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: B7F8-4451-89B7

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- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

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R07402-02-01

2224 Broad River Road columbia SC 29210-6730

Columbia, SC 29210

Inquiry Number: 4857343.114

February 17, 2017

EDR Historical Topo Map Report

with QuadMatch™



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Toll Free: 800.352.0050
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EDR Historical Topo Map Report

02/17/17

Site Name:

R07402-02-01
2224 Broad River Road columb
Columbia, SC 29210
EDR Inquiry # 4857343.114

Client Name:

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



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Search Results:**Coordinates:**

P.O.#	G5662.000	Latitude:	34.040981 34° 2' 28" North
Project:	G5662.000	Longitude:	-81.095178 -81° 5' 43" West
		UTM Zone:	Zone 17 North
		UTM X Meters:	491214.74
		UTM Y Meters:	3766703.97
		Elevation:	314.59' above sea level

Maps Provided:

2014
1997
1990
1983
1972
1948
1947
1904

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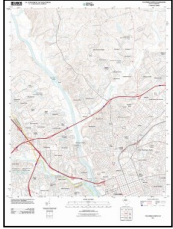
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Topo Sheet Key

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



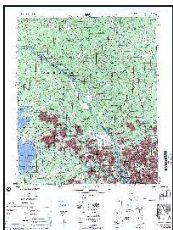
Columbia North
1997
7.5-minute, 24000
Aerial Photo Revised 1988

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



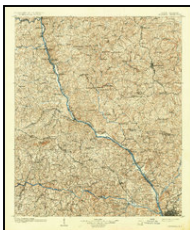
Columbia North
1948
7.5-minute, 24000

1947 Source Sheets

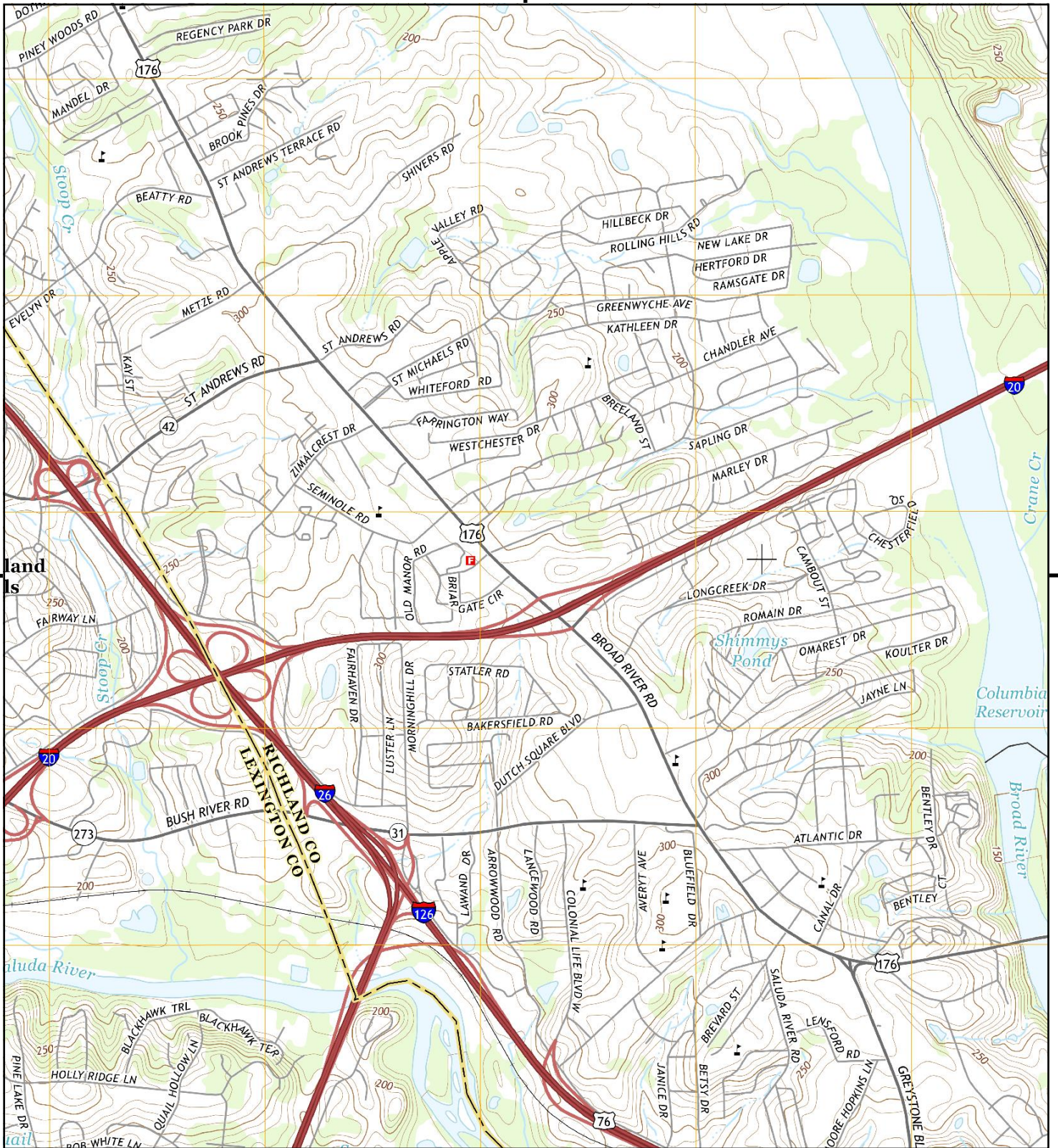


Columbia North
1947
7.5-minute, 24000

1904 Source Sheets



Columbia
1904
30-minute, 125000



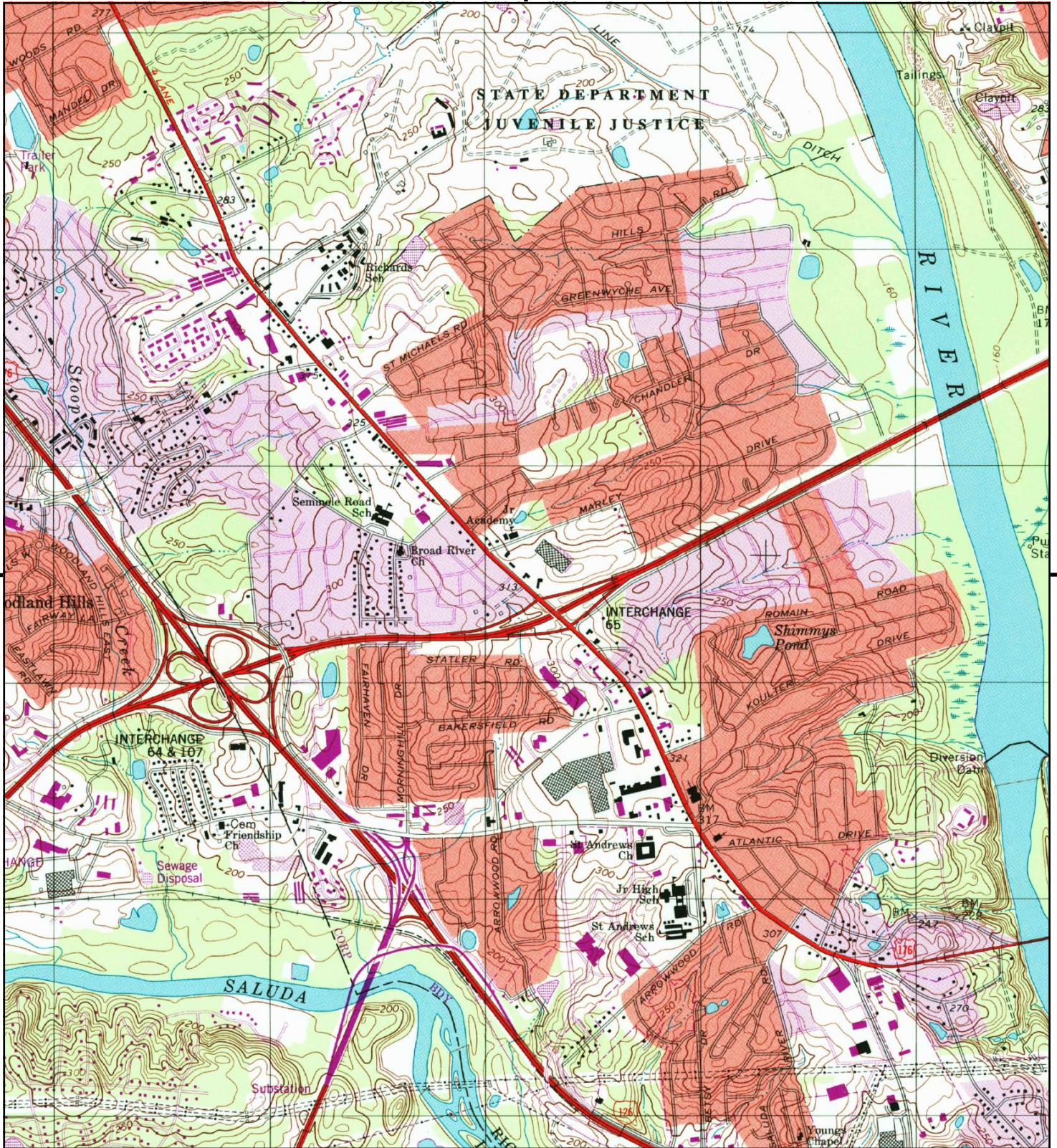
This report includes information from the following map sheet(s).



TP, Columbia North, 2014, 7.5-minute

SITE NAME: R07402-02-01
 ADDRESS: 2224 Broad River Road Columbia SC 292
 Columbia, SC 29210
 CLIENT: F&ME Consultants





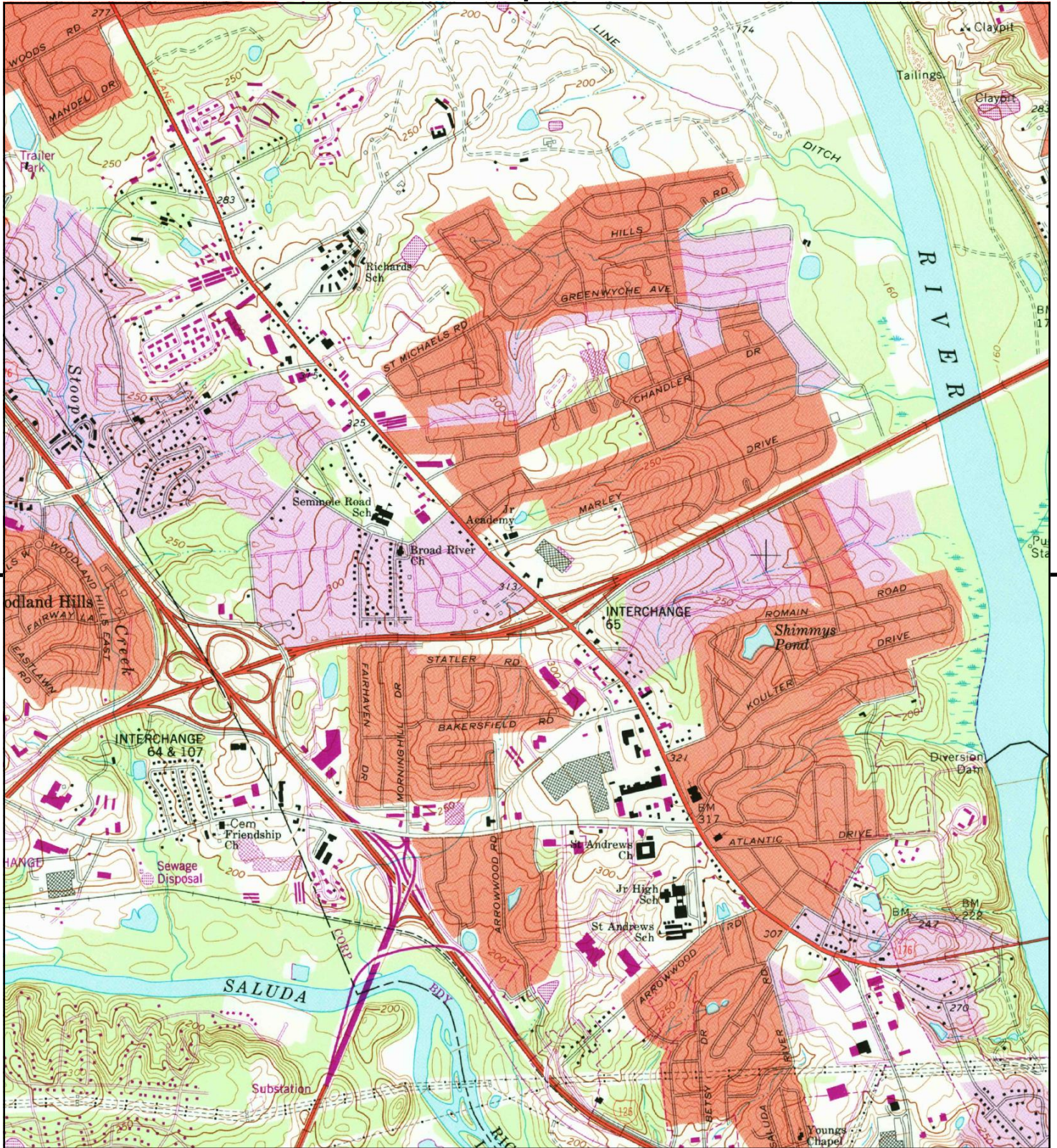
This report includes information from the following map sheet(s).



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SITE NAME: R07402-02-01
 ADDRESS: 2224 Broad River Road Columbia SC 292
 Columbia, SC 29210
 CLIENT: F&ME Consultants





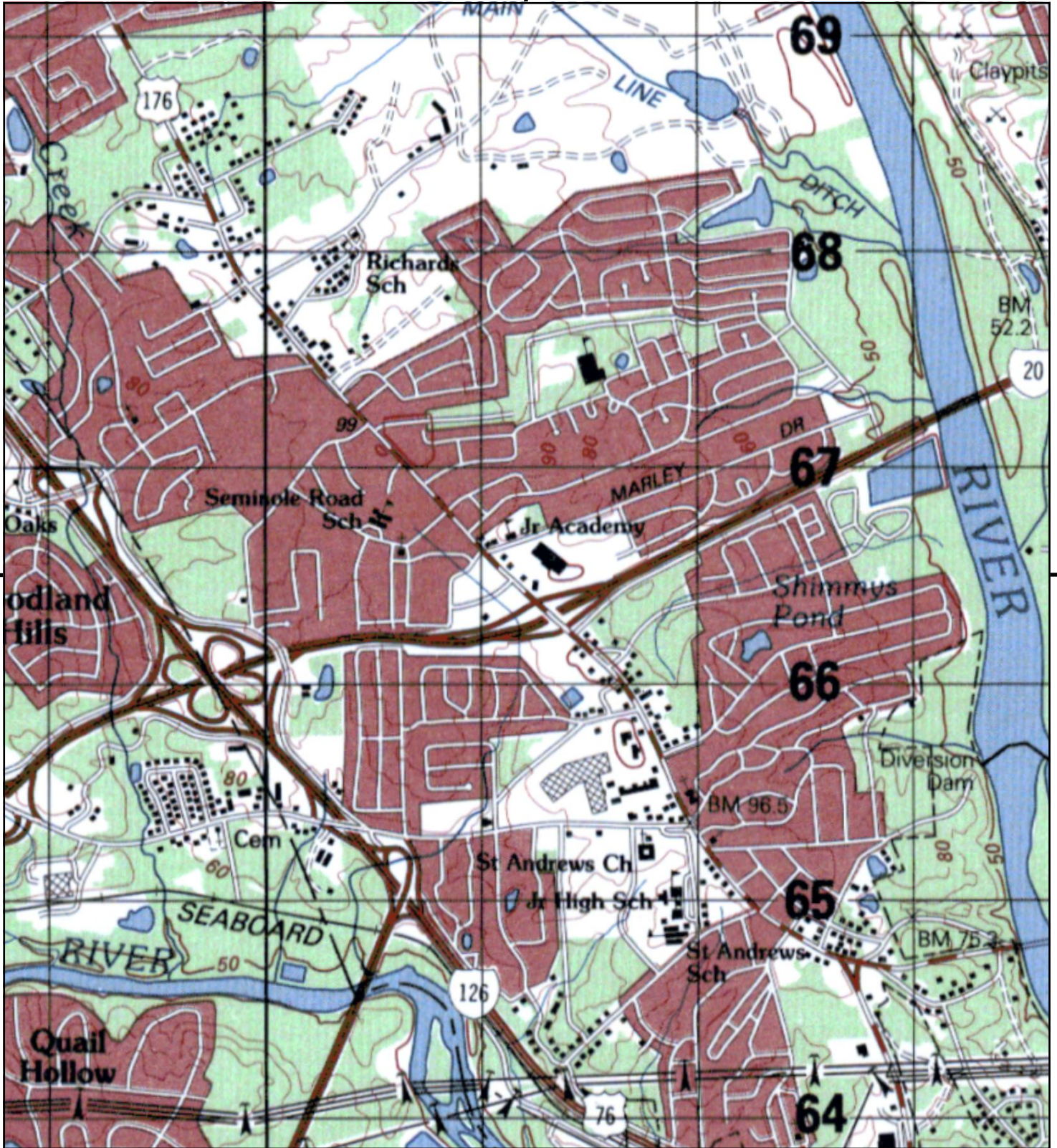
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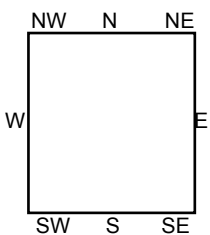
TP, Columbia North, 1990, 7.5-minute

SITE NAME: R07402-02-01
 ADDRESS: 2224 Broad River Road Columbia SC 292
 Columbia, SC 29210
 CLIENT: F&ME Consultants





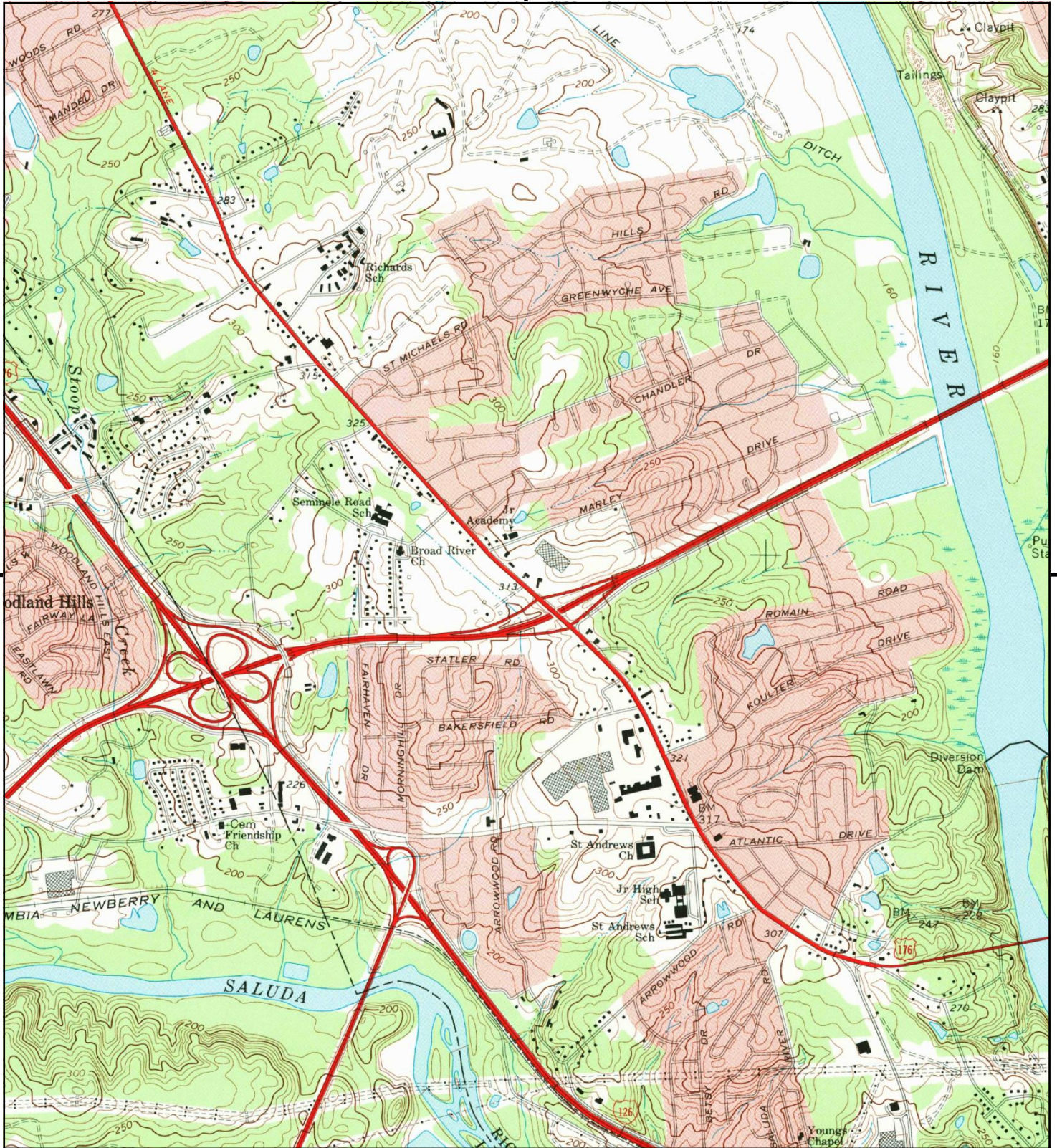
This report includes information from the following map sheet(s).



TP, IRMO, 1983, 15-minute

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 Columbia, SC 29210
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TP, Columbia North, 1972, 7.5-minute

SITE NAME: R07402-02-01
ADDRESS: 2224 Broad River Road Columbia SC 292
Columbia, SC 29210
CLIENT: F&ME Consultants





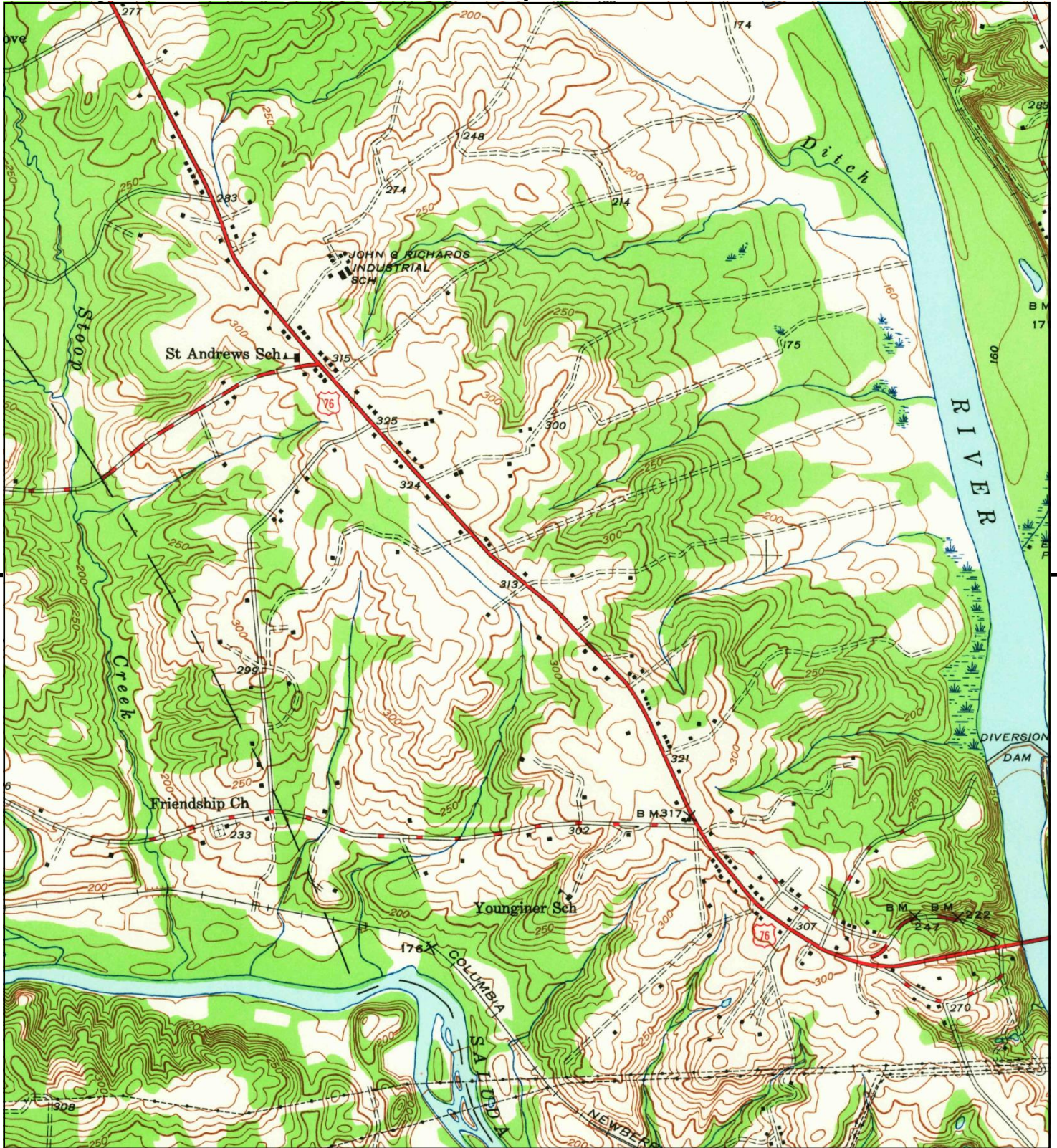
This report includes information from the following map sheet(s).



TP, Columbia North, 1948, 7.5-minute

SITE NAME: R07402-02-01
ADDRESS: 2224 Broad River Road Columbia SC 292
Columbia, SC 29210
CLIENT: F&ME Consultants





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



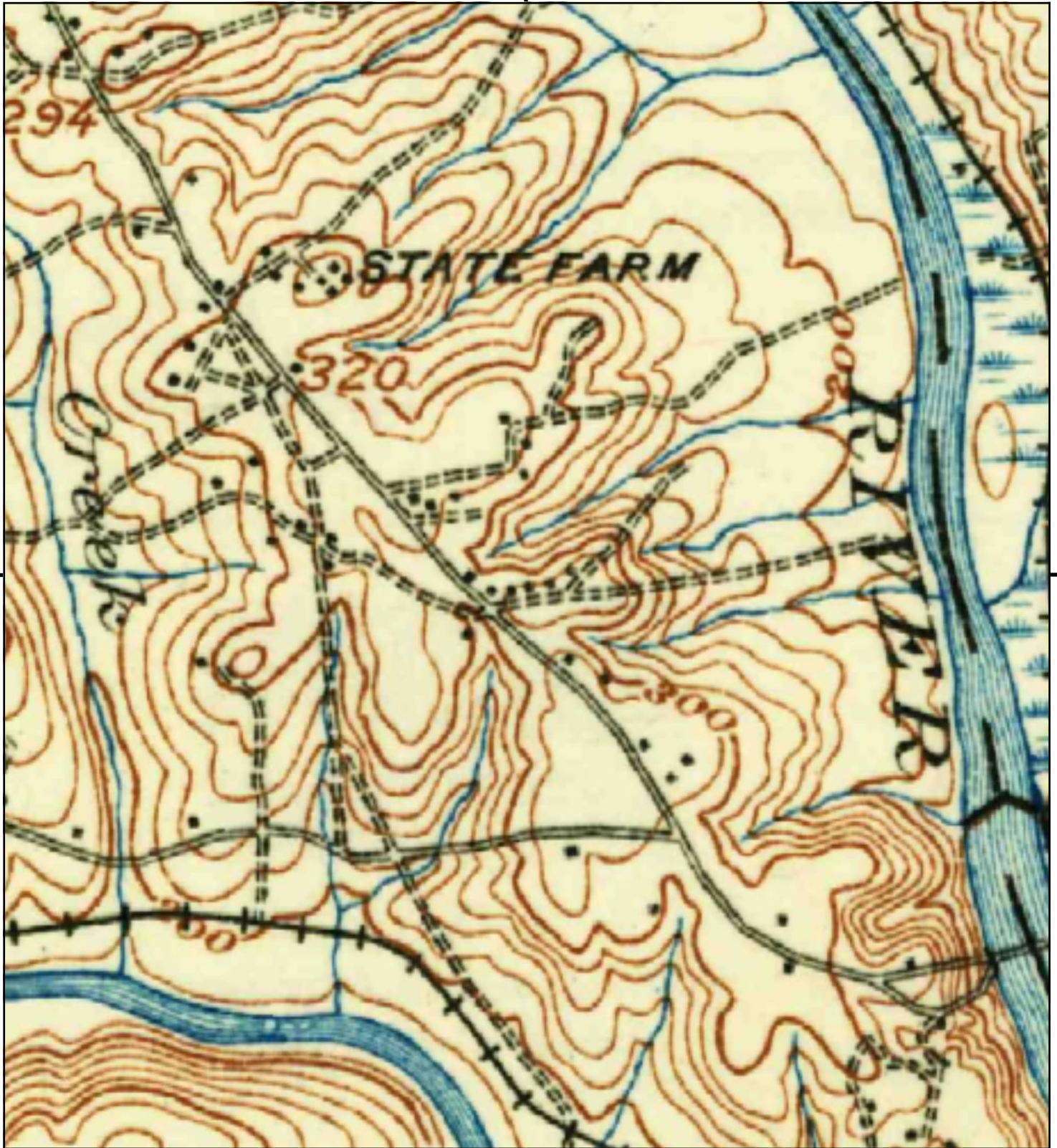
TP, Columbia North, 1947, 7.5-minute

SITE NAME: R07402-02-01

ADDRESS: 2224 Broad River Road
Columbia, SC 29210

CLIENT: F&ME Consultants





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



TP, Columbia, 1904, 30-minute

SITE NAME: R07402-02-01
ADDRESS: 2224 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.

R07402-02-01

2224 Broad River Road columbia SC 29210-6730
Columbia, SC 29210

Inquiry Number: 4857343.113s
February 17, 2017

The EDR Radius Map™ Report with GeoCheck®



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www.edrnet.com

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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

2224 BROAD RIVER ROAD COLUMBIA SC 29210-6730
COLUMBIA, SC 29210

COORDINATES

Latitude (North):	34.0409810 - 34° 2' 27.53"
Longitude (West):	81.0951780 - 81° 5' 42.64"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	491214.5
UTM Y (Meters):	3766509.5
Elevation:	315 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:
2224 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
A1	PORT UNIT 288	2224 BROAD RIVER RD	RGA LUST		TP
A2	PORT UNIT #288	2224 BROAD RIVER RD	RGA LUST		TP
A3	EMRO 288	2224 BROAD RIVER RD	RGA LUST		TP
A4	EMRO MARKETING COMPA	2224 BROAD RIVER RD	FINDS		TP
A5	PORT UNIT 288	2224 BROAD RIVER RD	FINDS		TP
A6	PORT UNIT 288	2224 BROAD RIVER RD	LUST, UST, GWCI, UIC		TP
B7	CIRCLE K 3105	2220 BROAD RIVER RD	LUST, UST, RCR, Financial Assurance, GWCI	Higher	245, 0.046, ESE
B8	R A S 45015	2220 BROAD RIVER RD	UST	Higher	245, 0.046, ESE
B9	EXXON LOCATION 4 501	2220 BROAD RIVER ROA	RCRA-CESQG, FINDS, ECHO	Higher	245, 0.046, ESE
C10		2341 BROAD RIVER RD	EDR Hist Auto	Higher	370, 0.070, West
C11	YOKAHAMA TIRE	2341 BROAD RIVER RD	LUST, UST	Higher	370, 0.070, West
12		1307 MARLEY DR	EDR Hist Cleaner	Lower	622, 0.118, NW
13	TEXACO SERVICE	BROAD RIVER & I 20	UST	Higher	776, 0.147, SE
14	COLUMBIA FIRE DEPT S	1225 BRIARGATE CIR	LUST, UST, RCR, GWCI	Higher	931, 0.176, West
15	AAMCO TRANSMISSIONS	2428 BROAD RIVER RD	RCRA-CESQG, FINDS, ECHO	Lower	1015, 0.192, NW
D16	SHEPPERDS TEXACO STA	2116 BROAD RIVER RD	LUST, UST	Higher	1234, 0.234, SE
E17	GULF SERVICE STATION	2123 BROAD RIVER RD	UST	Higher	1279, 0.242, SSE
D18	RACETRAC 978	2114 BROAD RIVER RD	LUST, UST, Financial Assurance, GWCI	Higher	1296, 0.245, SE
E19	GULF SERVICE STATION	2123 BROAD RIVER RD	LUST, UST, GWCI	Higher	1337, 0.253, SE
20	MCQUIKS OILUBE	2121 BROAD RIVER RD	LUST, UST, RCR, GWCI	Higher	1430, 0.271, SE
21	CONSTAN INC	2505 BROAD RIVER RD	LUST, UST	Higher	1439, 0.273, NW
F22	CIRCLE K 2705138	2624 BROAD RIVER RD	LUST, UST	Higher	1618, 0.306, NW
F23	CIRCLE K 2705138	2624 BROAD RIVER RD	RCR, Financial Assurance, GWCI	Higher	1618, 0.306, NW
24	FRASIER TIRE SERVICE	828 DUTCH SQUARE BLV	LUST, UST	Lower	2405, 0.455, SSE
25	PENSKE AUTO CENTER K	99 N ARROWOOD RD	LUST, UST	Lower	2555, 0.484, SSW
26	FORMER USA SERVICE S	DUTCH SQUARE MALL	RCR, FINDS	Higher	2603, 0.493, SSE
27	PALMETTO FINE CLEAN	1718 BROAD RIVER RD	SHWS, DRYCLEANERS	Higher	3249, 0.615, SE
28	SUBURBAN LODGE (FORM	1633 BROAD RIVER RD	SHWS	Higher	3476, 0.658, SSE
G29	BRITE CLEANERS	422 BUSH RIVER RD/14	SHWS, DRYCLEANERS	Lower	3955, 0.749, South
G30	BRITE CLEANERS	422 BUSH RIVER RD UN	SHWS, VCP, BROWNFIELDS, DRYCLEANERS	Lower	3955, 0.749, South
31	DELUXE CLEANERS	3007 BROAD RIVER RD	SHWS, DRYCLEANERS	Lower	4252, 0.805, NW
32	ARNOLDS PROFESSIONAL	3104 BROAD RIVER ROA	SHWS, RCRA NonGen / NLR, FINDS, DRYCLEANERS, ECHO	Higher	4835, 0.916, NW
33	3128 BROAD RIVER RD	3128 BROAD RIVER RD	SHWS	Lower	5028, 0.952, NW
34	TRIPP'S FINE CLEANER	1339 BROAD RIVER RD	SHWS, DRYCLEANERS	Lower	5150, 0.975, SE

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
PORT UNIT 288 2224 BROAD RIVER RD COLUMBIA, SC	RGA LUST	N/A
PORT UNIT #288 2224 BROAD RIVER RD COLUMBIA, SC	RGA LUST	N/A
EMRO 288 2224 BROAD RIVER RD COLUMBIA, SC	RGA LUST	N/A
EMRO MARKETING COMPA 2224 BROAD RIVER RD COLUMBIA, SC 29210	FINDS Registry ID:: 110017198138	N/A
PORT UNIT 288 2224 BROAD RIVER RD COLUMBIA, SC 29210	FINDS Registry ID:: 110017032824	N/A
PORT UNIT 288 2224 BROAD RIVER RD COLUMBIA, SC	LUST Substance: PETROL Facility Id: 07758 UST Facility Id: 07758 Status: Abandoned GWC Solid Waste Permit #: 07758 UIC Permit Number: SCHE03000042 Activity: Inactive	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

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

SWF/LF..... Permitted Landfills List

EXECUTIVE SUMMARY

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

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS..... Spills Database List

SPILLS 90..... SPILLS 90 data from FirstSearch

EXECUTIVE SUMMARY

SPILLS 80..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

EXECUTIVE SUMMARY

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 are 2 RCRA-CESQG sites 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>
<i>EXXON LOCATION 4 501</i>	<i>2220 BROAD RIVER ROA</i>	<i>ESE 0 - 1/8 (0.046 mi.)</i>	<i>B9</i>	<i>15</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>AAMCO TRANSMISSIONS</i>	<i>2428 BROAD RIVER RD</i>	<i>NW 1/8 - 1/4 (0.192 mi.)</i>	<i>15</i>	<i>22</i>

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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>PALMETTO FINE CLEANE</i> EPA ID: SCDRY0053089	<i>1718 BROAD RIVER RD</i>	<i>SE 1/2 - 1 (0.615 mi.)</i>	<i>27</i>	<i>41</i>
<i>SUBURBAN LODGE (FORM</i>	<i>1633 BROAD RIVER RD</i>	<i>SSE 1/2 - 1 (0.658 mi.)</i>	<i>28</i>	<i>41</i>

EXECUTIVE SUMMARY

EPA ID: SCS123457099

ARNOLDS PROFESSIONAL

EPA ID: SCDRY0051118

3104 BROAD RIVER ROA

NW 1/2 - 1 (0.916 mi.)

32

43

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BRITE CLEANERS EPA ID: SCDRY0057314	422 BUSH RIVER RD/14	S 1/2 - 1 (0.749 mi.)	G29	42
BRITE CLEANERS EPA ID: SCS123457021	422 BUSH RIVER RD UN	S 1/2 - 1 (0.749 mi.)	G30	42
DELUXE CLEANERS EPA ID: SCDRY0056072	3007 BROAD RIVER RD	NW 1/2 - 1 (0.805 mi.)	31	43
3128 BROAD RIVER RD	3128 BROAD RIVER RD	NW 1/2 - 1 (0.952 mi.)	33	45
TRIPP'S FINE CLEANER EPA ID: SCDRY0051271	1339 BROAD RIVER RD	SE 1/2 - 1 (0.975 mi.)	34	46

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 11 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>
CIRCLE K 3105 No Action Required: 10/28/1998 Substance: PETRO Facility Id: 07648	2220 BROAD RIVER RD	ESE 0 - 1/8 (0.046 mi.)	B7	12
YOKAHAMA TIRE No Action Required: 03/31/2000 Substance: PETRO Facility Id: 18544	2341 BROAD RIVER RD	W 0 - 1/8 (0.070 mi.)	C11	18
COLUMBIA FIRE DEPT S No Action Required: 09/28/2006 Substance: PETRO Facility Id: 07326	1225 BRIARGATE CIR	W 1/8 - 1/4 (0.176 mi.)	14	20
SHEPPERDS TEXACO STA No Action Required: 01/13/2014 Substance: PETROL Facility Id: 07605	2116 BROAD RIVER RD	SE 1/8 - 1/4 (0.234 mi.)	D16	24
RACETRAC 978 No Action Required: 10/05/2010 Substance: PETROL Facility Id: 07910	2114 BROAD RIVER RD	SE 1/8 - 1/4 (0.245 mi.)	D18	26
GULF SERVICE STATION Substance: PETROL	2123 BROAD RIVER RD	SE 1/4 - 1/2 (0.253 mi.)	E19	30

EXECUTIVE SUMMARY

Facility Id: 07342				
MCQUIKS OILUBE	2121 BROAD RIVER RD	SE 1/4 - 1/2 (0.271 mi.)	20	33
No Action Required: 11/05/2013				
Substance: PETRO				
Facility Id: 10130				
CONSTAN INC	2505 BROAD RIVER RD	NW 1/4 - 1/2 (0.273 mi.)	21	35
No Action Required: 04/28/1995				
Substance: PETRO				
Facility Id: 07925				
CIRCLE K 2705138	2624 BROAD RIVER RD	NW 1/4 - 1/2 (0.306 mi.)	F22	36
No Action Required: 07/17/2012				
Substance: PETRO				
Facility Id: 11013				
Lower Elevation	Address	Direction / Distance	Map ID	Page
FRASIER TIRE SERVICE	828 DUTCH SQUARE BLV	SSE 1/4 - 1/2 (0.455 mi.)	24	39
No Action Required: 04/06/1995				
Substance: PETRO				
Facility Id: 14101				
PENSKE AUTO CENTER K	99 N ARROWOOD RD	SSW 1/4 - 1/2 (0.484 mi.)	25	40
No Action Required: 05/10/1999				
Substance: PETRO				
Facility Id: 07780				

State and tribal registered storage tank lists

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.

A review of the UST list, as provided by EDR, and dated 01/07/2017 has revealed that there are 8 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CIRCLE K 3105	2220 BROAD RIVER RD	ESE 0 - 1/8 (0.046 mi.)	B7	12
Facility Id: 07648				
Status: Abandoned				
Status: Currently in Use				
R A S 45015	2220 BROAD RIVER RD	ESE 0 - 1/8 (0.046 mi.)	B8	15
Facility Id: 11892				
YOKAHAMA TIRE	2341 BROAD RIVER RD	W 0 - 1/8 (0.070 mi.)	C11	18
Facility Id: 18544				
Status: ABD				
TEXACO SERVICE	BROAD RIVER & I 20	SE 1/8 - 1/4 (0.147 mi.)	13	19
Facility Id: 07628				
Status: ABD				
COLUMBIA FIRE DEPT S	1225 BRIARGATE CIR	W 1/8 - 1/4 (0.176 mi.)	14	20
Facility Id: 07326				

EXECUTIVE SUMMARY

Status: ABD

SHEPPERDS TEXACO STA Facility Id: 07605 Status: ABD	2116 BROAD RIVER RD	SE 1/8 - 1/4 (0.234 mi.)	D16	24
GULF SERVICE STATION Facility Id: 11060	2123 BROAD RIVER RD	SSE 1/8 - 1/4 (0.242 mi.)	E17	26
RACETRAC 978 Facility Id: 07910 Status: Abandoned Status: Extended Out-of-Use	2114 BROAD RIVER RD	SE 1/8 - 1/4 (0.245 mi.)	D18	26

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 5 RCR 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>
CIRCLE K 3105	2220 BROAD RIVER RD	ESE 0 - 1/8 (0.046 mi.)	B7	12
COLUMBIA FIRE DEPT S	1225 BRIARGATE CIR	W 1/8 - 1/4 (0.176 mi.)	14	20
MCQUIKS OILUBE	2121 BROAD RIVER RD	SE 1/4 - 1/2 (0.271 mi.)	20	33
CIRCLE K 2705138	2624 BROAD RIVER RD	NW 1/4 - 1/2 (0.306 mi.)	F23	37
FORMER USA SERVICE S	DUTCH SQUARE MALL	SSE 1/4 - 1/2 (0.493 mi.)	26	40

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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>
CIRCLE K 3105 Solid Waste Permit #: 07648	2220 BROAD RIVER RD	ESE 0 - 1/8 (0.046 mi.)	B7	12
COLUMBIA FIRE DEPT S Solid Waste Permit #: 07326	1225 BRIARGATE CIR	W 1/8 - 1/4 (0.176 mi.)	14	20
RACETRAC 978 Solid Waste Permit #: 07910	2114 BROAD RIVER RD	SE 1/8 - 1/4 (0.245 mi.)	D18	26
GULF SERVICE STATION	2123 BROAD RIVER RD	SE 1/4 - 1/2 (0.253 mi.)	E19	30

EXECUTIVE SUMMARY

Solid Waste Permit #: 07342

MCQUIKS OILUBE

2121 BROAD RIVER RD

SE 1/4 - 1/2 (0.271 mi.)

20

33

Solid Waste Permit #: 10130

CIRCLE K 2705138

2624 BROAD RIVER RD

NW 1/4 - 1/2 (0.306 mi.)

F23

37

Solid Waste Permit #: 11013

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>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	2341 BROAD RIVER RD	W 0 - 1/8 (0.070 mi.)	C10	17

EDR Hist Cleaner: 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.

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

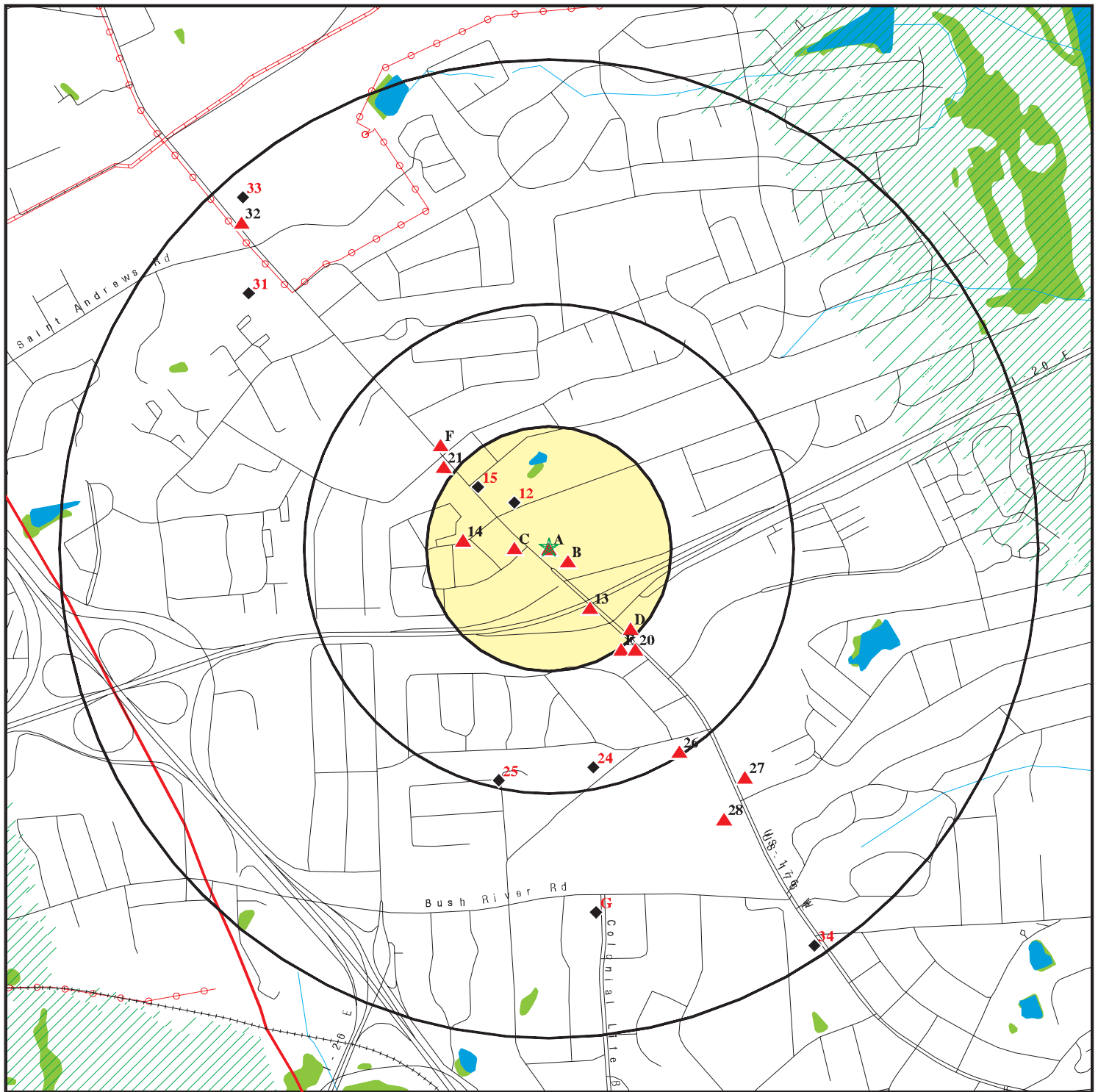
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1307 MARLEY DR	NW 0 - 1/8 (0.118 mi.)	12	18

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 - 4857343.113S



★ 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

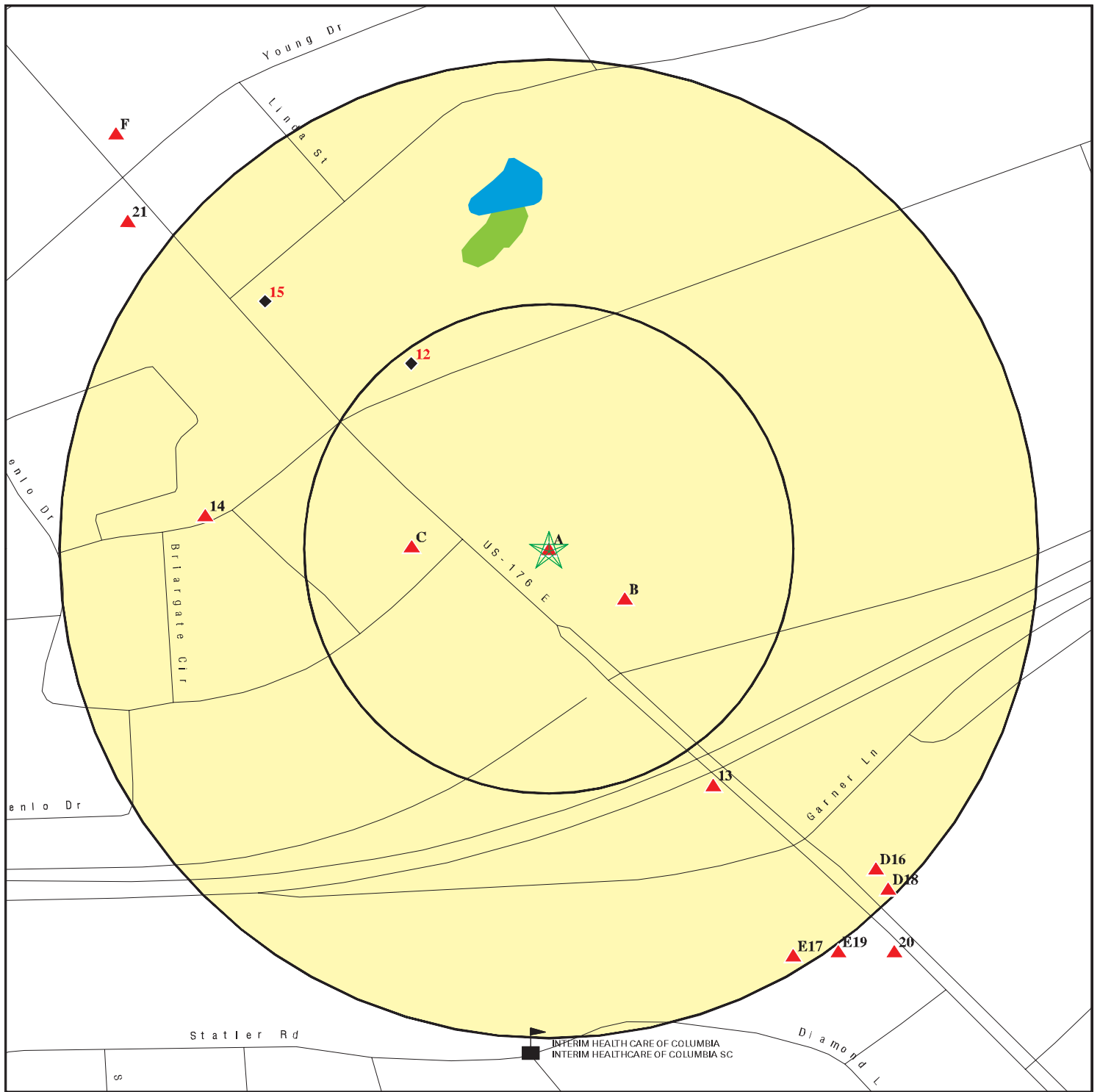
0 1/4 1/2 1 Miles

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: R07402-02-01
ADDRESS: 2224 Broad River Road columbia SC 29210-6730
Columbia SC 29210
LAT/LONG: 34.040981 / 81.095178

CLIENT: F&ME Consultants
CONTACT: R. Wingard
INQUIRY #: 4857343.113s
DATE: February 17, 2017 1:46 pm

DETAIL MAP - 4857343.113S



- ★ 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: R07402-02-01
 ADDRESS: 2224 Broad River Road columbia SC 29210-6730
 Columbia SC 29210
 LAT/LONG: 34.040981 / 81.095178

CLIENT: F&ME Consultants
 CONTACT: R. Wingard
 INQUIRY #: 4857343.113s
 DATE: February 17, 2017 1:47 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
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
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
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
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	1	NR	NR	NR	2
<i>Federal institutional controls / engineering controls registries</i>								
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
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	8	NR	8
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500	1	2	3	6	NR	NR	12
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
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	1	3	5	NR	NR	NR	9
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
RCR	0.500		1	1	3	NR	NR	5
AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
ALLSITES	0.500		0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
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		NR	NR	NR	NR	NR	0
GWCI	0.500	1	1	2	3	NR	NR	7
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP	1	NR	NR	NR	NR	NR	1
ABANDONED MINES	0.500		0	0	0	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	TP		NR	NR	NR	NR	NR	0
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP	3	NR	NR	NR	NR	NR	3
- Totals --		9	10	12	12	8	0	51

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

PORT UNIT 288
2224 BROAD RIVER RD
COLUMBIA, SC

RGA LUST

S114818416
N/A

Site 1 of 6 in cluster A

Actual:
315 ft.

RGA LUST:

2012	PORT UNIT 288	2224 BROAD RIVER RD
2011	PORT UNIT 288	2224 BROAD RIVER RD
2010	PORT UNIT 288	2224 BROAD RIVER RD
2009	PORT UNIT 288	2224 BROAD RIVER RD
2008	PORT UNIT 288	2224 BROAD RIVER RD
2007	PORT UNIT 288	2224 BROAD RIVER RD
2006	PORT UNIT 288	2224 BROAD RIVER RD
2005	PORT UNIT 288	2224 BROAD RIVER RD
2004	PORT UNIT 288	2224 BROAD RIVER RD
2003	PORT UNIT 288	2224 BROAD RIVER RD
2002	PORT UNIT 288	2224 BROAD RIVER RD
2000	PORT UNIT 288	2224 BROAD RIVER RD

A2
Target
Property

PORT UNIT #288
2224 BROAD RIVER RD
COLUMBIA, SC

RGA LUST

S114818381
N/A

Site 2 of 6 in cluster A

Actual:
315 ft.

RGA LUST:

1999	PORT UNIT #288	2224 BROAD RIVER RD
1998	PORT UNIT #288	2224 BROAD RIVER RD
1997	PORT UNIT #288	2224 BROAD RIVER RD
1996	PORT UNIT #288	2224 BROAD RIVER RD
1993	PORT UNIT #288	2224 BROAD RIVER RD

A3
Target
Property

EMRO 288
2224 BROAD RIVER RD
COLUMBIA, SC

RGA LUST

S114809210
N/A

Site 3 of 6 in cluster A

Actual:
315 ft.

RGA LUST:

1992	EMRO 288	2224 BROAD RIVER RD
------	----------	---------------------

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A4
Target
Property
EMRO MARKETING COMPANY
2224 BROAD RIVER RD
COLUMBIA, SC 29210

FINDS **1007247890**
N/A

Site 4 of 6 in cluster A

Actual:
315 ft.

FINDS:

Registry ID: 110017198138

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.

A5
Target
Property
PORT UNIT 288
2224 BROAD RIVER RD
COLUMBIA, SC 29210

FINDS **1007231989**
N/A

Site 5 of 6 in cluster A

Actual:
315 ft.

FINDS:

Registry ID: 110017032824

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
PORT UNIT 288
2224 BROAD RIVER RD
COLUMBIA, SC

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

Site 6 of 6 in cluster A

Actual:
315 ft.

LUST:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT UNIT 288 (Continued)

U003524384

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:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT UNIT 288 (Continued)

U003524384

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT UNIT 288 (Continued)

U003524384

Former Permit Number: 146
Activity: Inactive
Operator: Not reported
Disposition: Closed

**B7
ESE
< 1/8
0.046 mi.
245 ft.**

**CIRCLE K 3105
2220 BROAD RIVER RD
COLUMBIA, SC
Site 1 of 3 in cluster B**

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

**Relative:
Higher**

LUST:

**Actual:
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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 3105 (Continued)

U001539487

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

Tank ID: 2
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: Not reported

Tank ID: 3
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: Not reported

Tank ID: 4
Status: **Abandoned**
Capacity: 550
Product: Waste oil, burnt oil, used oil
Calcage: Not reported

Tank ID: 5
Status: **Abandoned**
Capacity: 12000
Product: Gasoline
Calcage: Not reported

Tank ID: 6
Status: **Abandoned**
Capacity: 12000
Product: Gasoline
Calcage: Not reported

Tank ID: 7
Status: **Abandoned**
Capacity: 12000
Product: Gasoline
Calcage: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 3105 (Continued)

U001539487

Tank ID: 8
Status: **Abandoned**
Capacity: 1000
Product: Waste oil, burnt oil, used oil
Calcage: Not reported

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

RCR:

Entity Responsibility: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 3105 (Continued)

U001539487

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: Yes
Remediation: No
Surface Impact: No
Drinking Water Well Impact: No
Remarks: Site ID # 07648. RBCA Classification 4AA5. Inactive.

B8
ESE
< 1/8
0.046 mi.
245 ft.

R A S 45015
2220 BROAD RIVER RD
COLUMBIA, SC

UST **U004253750**
N/A

Site 2 of 3 in cluster B

Relative:
Higher

UST:
Facility ID: 11892
Permit: P 11892
Owner: Not reported
Owner Address: Not reported
Owner City, st, zip: Not reported
Owner Phone: Not reported

Actual:
317 ft.

Tank ID: Not reported
Status: Not reported
Capacity: Not reported
Product: Not reported
Calcage: Not reported

B9
ESE
< 1/8
0.046 mi.
245 ft.

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

RCRA-CESQG **1004780444**
FINDS **SCD987578234**
ECHO

Site 3 of 3 in cluster B

Relative:
Higher

RCRA-CESQG:
Date form received by agency: 02/11/1997
Facility name: EXXON LOCATION 4 5015
Facility address: 2220 BROAD RIVER ROAD

Actual:
317 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON LOCATION 4 5015 (Continued)

1004780444

EPA ID: COLUMBIA, SC 29210
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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON LOCATION 4 5015 (Continued)

1004780444

. 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

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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: 1004780444
Registry ID: 110004941038
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110004941038

C10
West
< 1/8
0.070 mi.
370 ft.

2341 BROAD RIVER RD
COLUMBIA, SC 29210

Site 1 of 2 in cluster C

Relative:
Higher

EDR Historical Auto Stations:

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

Actual:
316 ft.

EDR Hist Auto 1015349230
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C11
West
< 1/8
0.070 mi.
370 ft.

YOKAHAMA TIRE
2341 BROAD RIVER RD
COLUMBIA, SC
Site 2 of 2 in cluster C

LUST
UST
U003714870
N/A

Relative:
Higher

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
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
Calcage: 25

12
NW
< 1/8
0.118 mi.
622 ft.

1307 MARLEY DR
COLUMBIA, SC 29210

EDR Hist Cleaner
1014987441
N/A

Relative:
Lower

EDR Historical Cleaners:

Actual:
299 ft.

Name: FIRST RESPONSE CLEANING & RESTORATIO
Year: 2005
Address: 1307 MARLEY DR

Name: FIRST RESPONSE CLEANING & RESTORATIO
Year: 2006
Address: 1307 MARLEY DR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1014987441

Name: FIRST RESPONSE CLEANING & RESTORATIO
Year: 2007
Address: 1307 MARLEY DR

Name: FIRST RESPONSE CLEANING & RESTORATIO
Year: 2008
Address: 1307 MARLEY DR

13
SE
1/8-1/4
0.147 mi.
776 ft.

TEXACO SERVICE
BROAD RIVER & I 20
COLUMBIA, SC

UST U003525830
N/A

Relative:
Higher

UST:

Actual:
317 ft.

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

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: 1000
Product: Fuel Oil
Calcage: Not reported

Tank ID: 5
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

14
West
1/8-1/4
0.176 mi.
931 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.

**15
NW
1/8-1/4
0.192 mi.
1015 ft.**

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

**RCRA-CESQG
FINDS
ECHO**

**1001120764
SCR000003491**

**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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AAMCO TRANSMISSIONS (Continued)

1001120764

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AAMCO TRANSMISSIONS (Continued)

1001120764

. 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

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

D16
SE
1/8-1/4
0.234 mi.
1234 ft.

SHEPPERDS TEXACO STATION
2116 BROAD RIVER RD
COLUMBIA, SC
Site 1 of 2 in cluster D

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

Relative:
Higher

LUST:

Actual:
325 ft.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEPPERDS TEXACO STATION (Continued)

U003525153

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEPPERDS TEXACO STATION (Continued)

U003525153

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

E17
SSE
1/8-1/4
0.242 mi.
1279 ft.

GULF SERVICE STATION
2123 BROAD RIVER RD
COLUMBIA, SC

UST **U004253559**
N/A

Site 1 of 2 in cluster E

Relative:
Higher

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

Actual:
327 ft.

Tank ID: Not reported
Status: **Not reported**
Capacity: Not reported
Product: Not reported
Calcage: Not reported

D18
SE
1/8-1/4
0.245 mi.
1296 ft.

RACETRAC 978
2114 BROAD RIVER RD
COLUMBIA, SC

LUST **U004019472**
UST **N/A**
Financial Assurance
GWCI

Site 2 of 2 in cluster D

Relative:
Higher

LUST:
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: KUHNMK
Cleanup Initiated Date: 03/23/1992
Prefix: R
Total Score: 3280

Actual:
326 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC 978 (Continued)

U004019472

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

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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC 978 (Continued)

U004019472

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC 978 (Continued)

U004019472

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC 978 (Continued)

U004019472

Drinking Water Well Impact: No
Remarks: Site ID # 07910. RBCA Classification 3BA1. Conducting investigation/Risk Assessment.

E19
SE
1/4-1/2
0.253 mi.
1337 ft.

GULF SERVICE STATION
2123 BROAD RIVER RD
COLUMBIA, SC

Site 2 of 2 in cluster E

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GULF SERVICE STATION (Continued)

U003521988

Owner Phone: 770-576-3082

Tank ID: 1
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: Not reported

Tank ID: 10
Status: **Abandoned**
Capacity: 550
Product: Waste oil, burnt oil, used oil
Calcage: Not reported

Tank ID: 2
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: Not reported

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

Tank ID: 4
Status: **Abandoned**
Capacity: 8000
Product: Gasoline
Calcage: Not reported

Tank ID: 5
Status: **Abandoned**
Capacity: 10000
Product: Diesel fuel
Calcage: Not reported

Tank ID: 6
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: Not reported

Tank ID: 7
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GULF SERVICE STATION (Continued)

U003521988

Tank ID: 8
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
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

20
SE
1/4-1/2
0.271 mi.
1430 ft.

MCQUIKS OILUBE
2121 BROAD RIVER RD
COLUMBIA, SC

LUST
UST
RCR
GWCI

U004016932
N/A

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCQUIKS OILUBE (Continued)

U004016932

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCQUIKS OILUBE (Continued)

U004016932

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.

21
NW
1/4-1/2
0.273 mi.
1439 ft.

CONSTAN INC
2505 BROAD RIVER RD
COLUMBIA, SC

LUST **U003520462**
UST **N/A**

Relative:
Higher

LUST:

Actual:
315 ft.

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

UST:

Facility ID: 07925
Permit: N 07925
Owner: HARMON OIL CO
Owner Address: 111 HAMILTON ST
Owner City, st, zip: LEXINGTON SC 29071-1417
Owner Phone: 803-359-4305

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSTAN INC (Continued)

U003520462

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 **CIRCLE K 2705138**
NW **2624 BROAD RIVER RD**
1/4-1/2 **COLUMBIA, SC**
0.306 mi.
1618 ft. **Site 1 of 2 in cluster F**

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

Relative: LUST:
Higher Release Number: 1
Facility ID: 11013
Actual: Release Status Number: 3
319 ft. 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
Ground Water Flow Direction: NE
Release Number: 1
Confirmed date: 04/15/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2705138 (Continued)

U004253539

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

F23
NW
1/4-1/2
0.306 mi.
1618 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:
Entity Responsibility: Not reported
Region: Not reported
Tax Id: R06015-03-04
Latitude: 34.04377
Longitude: -81.09909

Actual:
319 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2705138 (Continued)

U003666055

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2705138 (Continued)

U003666055

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
SSE
1/4-1/2
0.455 mi.
2405 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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

25
SSW
1/4-1/2
0.484 mi.
2555 ft.

PENSKE AUTO CENTER KMART
99 N ARROWOOD RD
COLUMBIA, SC

LUST
UST
U004019444
N/A

Relative:
Lower

LUST:

Release Number: 1
Facility ID: 07780
Release Status Number: Not reported
Substance: PETRO
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
Calcage: 15

26
SSE
1/4-1/2
0.493 mi.
2603 ft.

FORMER USA SERVICE STATION
DUTCH SQUARE MALL
COLUMBIA, SC 29210

RCR
FINDS
1007226839
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

Actual:
329 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER USA SERVICE STATION (Continued)

1007226839

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

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.

27
SE
1/2-1
0.615 mi.
3249 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

28
SSE
1/2-1
0.658 mi.
3476 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

	Site	Database(s)	
G29	BRITE CLEANERS	SHWS	S107599677
South	422 BUSH RIVER RD/1441-A COLONIAL LIFE	DRYCLEANERS	N/A
1/2-1	COLUMBIA, SC 29210		
0.749 mi.			
3955 ft.	Site 1 of 2 in cluster G		

Relative: SHWS:
Lower EPA ID: SCDRY0057314

Actual:
290 ft.

Drycleaners:
BLWM Number: 57314
Rank: 3rd
Priority Group Explanation: 3rd

G30	BRITE CLEANERS	SHWS	S107520947
South	422 BUSH RIVER RD UNIT 1	VCP	N/A
1/2-1	COLUMBIA, SC 29210	BROWNFIELDS	
0.749 mi.		DRYCLEANERS	
3955 ft.	Site 2 of 2 in cluster G		

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

31
NW
1/2-1
0.805 mi.
4252 ft.

DELUXE CLEANERS
3007 BROAD RIVER RD
COLUMBIA, SC 29210

SHWS
DRYCLEANERS

S105621450
N/A

Relative:
Lower

SHWS:
EPA ID: SCDRY0056072

Actual:
310 ft.

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

32
NW
1/2-1
0.916 mi.
4835 ft.

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

SHWS
RCRA NonGen / NLR
FINDS
DRYCLEANERS
ECHO

1000333641
SCD036105484

Relative:
Higher

SHWS:
EPA ID: SCDRY0051118

Actual:
315 ft.

RCRA NonGen / NLR:
Date form received by agency: 07/01/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARNOLDS PROFESSIONAL GARMENT CARE (Continued)

1000333641

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARNOLDS PROFESSIONAL GARMENT CARE (Continued)

1000333641

. 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
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110004937793

33
NW
1/2-1
0.952 mi.
5028 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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

34
SE
1/2-1
0.975 mi.
5150 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
Rank: 3rd
Priority Group Explanation: 3rd

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 know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 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® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

R07402-02-01
2224 BROAD RIVER ROAD COLUMBIA SC 29210-6730
COLUMBIA, SC 29210

TARGET PROPERTY COORDINATES

Latitude (North):	34.040981 - 34° 2' 27.53"
Longitude (West):	81.095178 - 81° 5' 42.64"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	491214.5
UTM Y (Meters):	3766509.5
Elevation:	315 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).

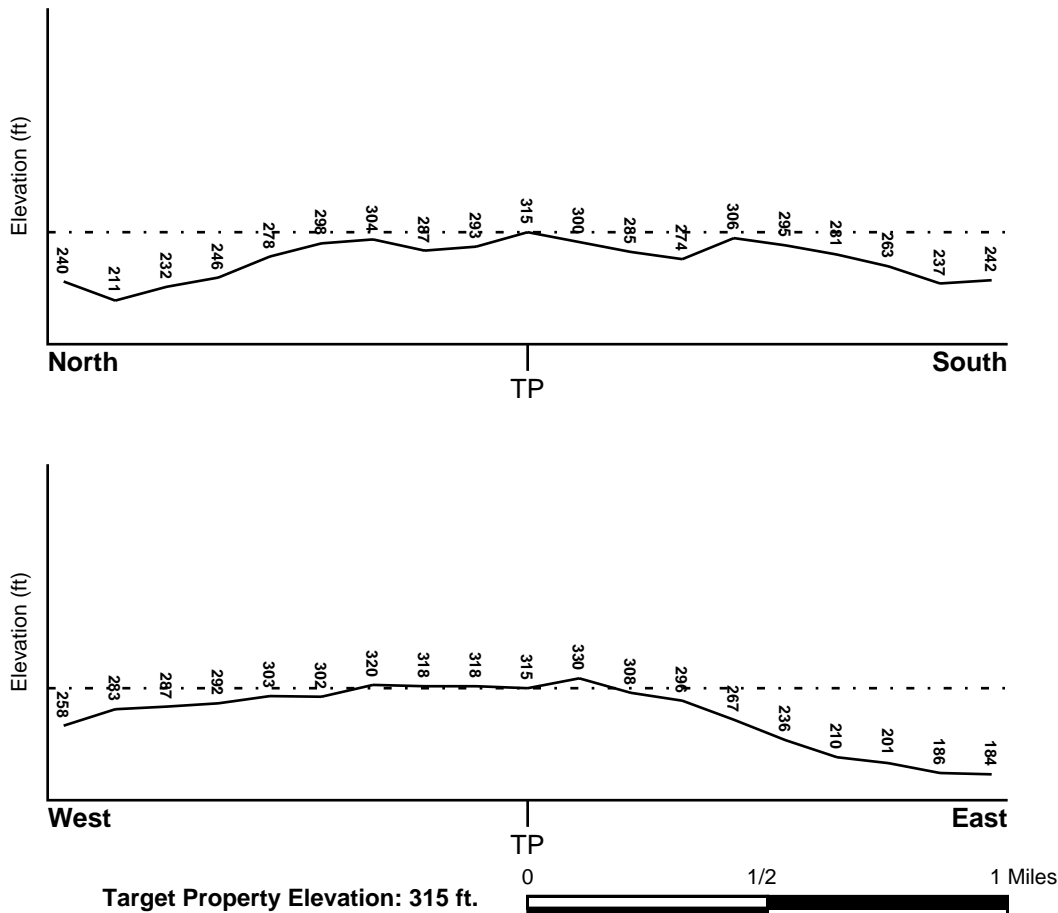
TOPOGRAPHIC INFORMATION

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 East

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>
1	0 - 1/8 Mile WNW	SW
A2	1/8 - 1/4 Mile SE	Not Reported
A3	1/8 - 1/4 Mile SE	Not Reported
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

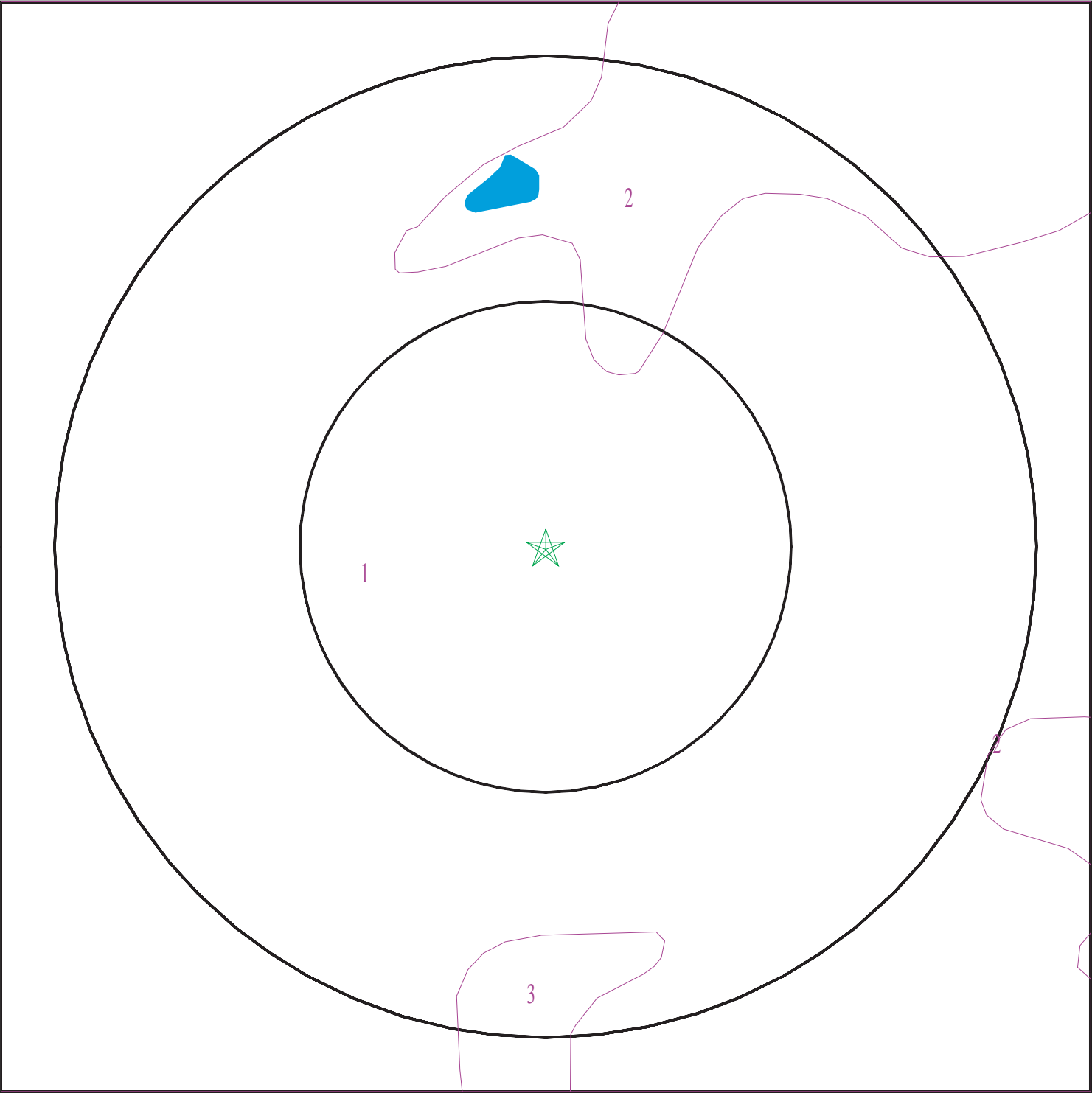
Era:	Paleozoic
System:	Cambrian
Series:	Cambrian
Code:	Ce (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

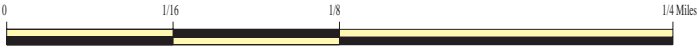
Category: Eugeosynclinal Deposits

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 - 4857343.113s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: R07402-02-01
ADDRESS: 2224 Broad River Road columbia SC 29210-6730
Columbia SC 29210
LAT/LONG: 34.040981 / 81.095178

CLIENT: F&ME Consultants
CONTACT: R. Wingard
INQUIRY #: 4857343.113s
DATE: February 17, 2017 1:48 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

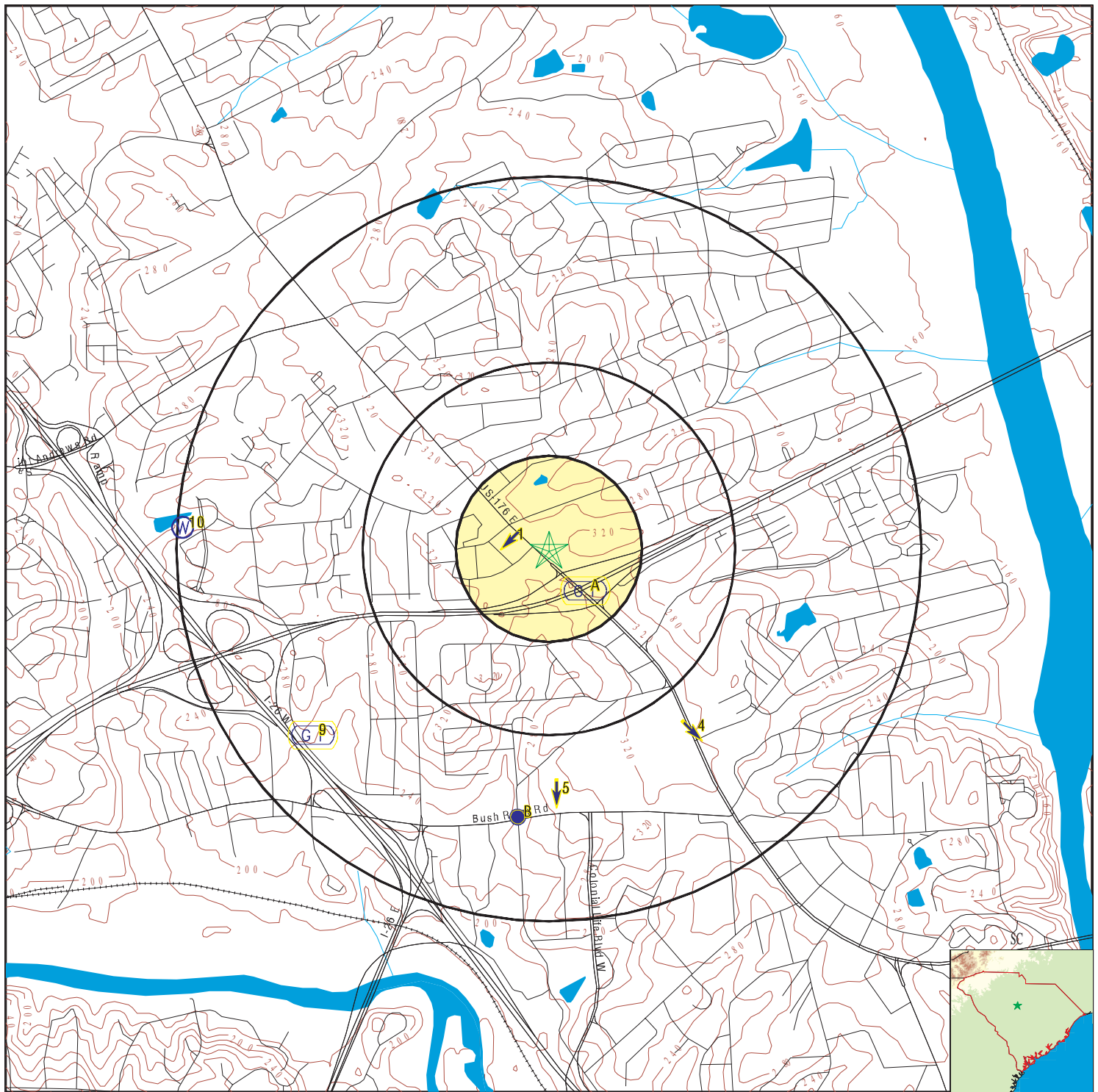
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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>
10	SCWC40000010227	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 4857343.113s



- 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: R07402-02-01
 ADDRESS: 2224 Broad River Road columbia SC 29210-6730
 Columbia SC 29210
 LAT/LONG: 34.040981 / 81.095178

CLIENT: F&ME Consultants
 CONTACT: R. Wingard
 INQUIRY #: 4857343.113s
 DATE: February 17, 2017 1:47 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1 WNW 0 - 1/8 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	N-40-GM-07326 SW Not Reported Not Reported Not Reported 10/09/1998	AQUIFLOW	31938
A2 SE 1/8 - 1/4 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	N-40-NO-07758 Not Reported Not Reported Not Reported 24 12/12/1989	AQUIFLOW	37261
A3 SE 1/8 - 1/4 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	R-40-NO-07910 Not Reported 15.80 21.36 Not Reported 03/29/1998	AQUIFLOW	37000
4 SE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	B-40-NM-07633 SE 18.99 21.91 Not Reported 01/03/1991	AQUIFLOW	32355
5 South 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	N-40-NO-16612 S Not Reported Not Reported 25 12/20/1994	AQUIFLOW	41361
B6 South 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	N-40-NO-07763 SW 85.70 102.05 Not Reported 05/29/1998	AQUIFLOW	37045
B7 South 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	N-40-NO-11758 W 1.82 13.31 Not Reported 02/09/1999	AQUIFLOW	41375

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

10
West
1/2 - 1 Mile
Lower

SC WELLS SCWC40000010227

Fid:	10226	Conum:	LEX-849
Scgrid:	32O-I1		
Lat:	340230		
Lon:	810645		
Utm e:	489616	Utm n:	3766587
Topo:	Columbia North	Elev:	0
Owner:	Chapman	Owner well:	Not Reported
Location:	Not Reported	Use :	Not Reported
Depth d:	0	Depth c:	103
Diam 1:	4	Diam 2:	0
Oh cas:	84	Screen t:	0
Screen b:	0	Drill yr:	1953
Drill mo:	0	Yield:	11
Yield yr:	0	G logs:	Not Reported
D logs:	1	P test:	0
Chem:	Not Reported	WI:	Not Reported
WI yr:	0	Driller:	Manning
Remarks:	Location estimated.		
Filename:	Coastal_Plain_wells.xls		
Site id:	SCWC40000010227		

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^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Natural Resources

Telephone: 803-734-6440

Water wells in the Coastal Plain counties of South Carolina

Water Well Database

Source: Department of Natural Resources

Telephone: 864-654-1671

A listing of water wells in the Piedmont (upstate) counties.

OTHER STATE DATABASE INFORMATION

RADON

State Database: SC Radon

Source: Department of Health & Environmental Control

Telephone: 864-241-1090

Radon Test Results by Zip Code

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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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,

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.

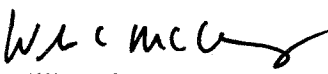
The groundwater samples thus obtained were transported to Pace Analytical of Charlotte, NC (SCDHEC Laboratory Certification #99006) for analysis. Analytical results for laboratory samples collected from the direct push borings are presented in Table 1.

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.

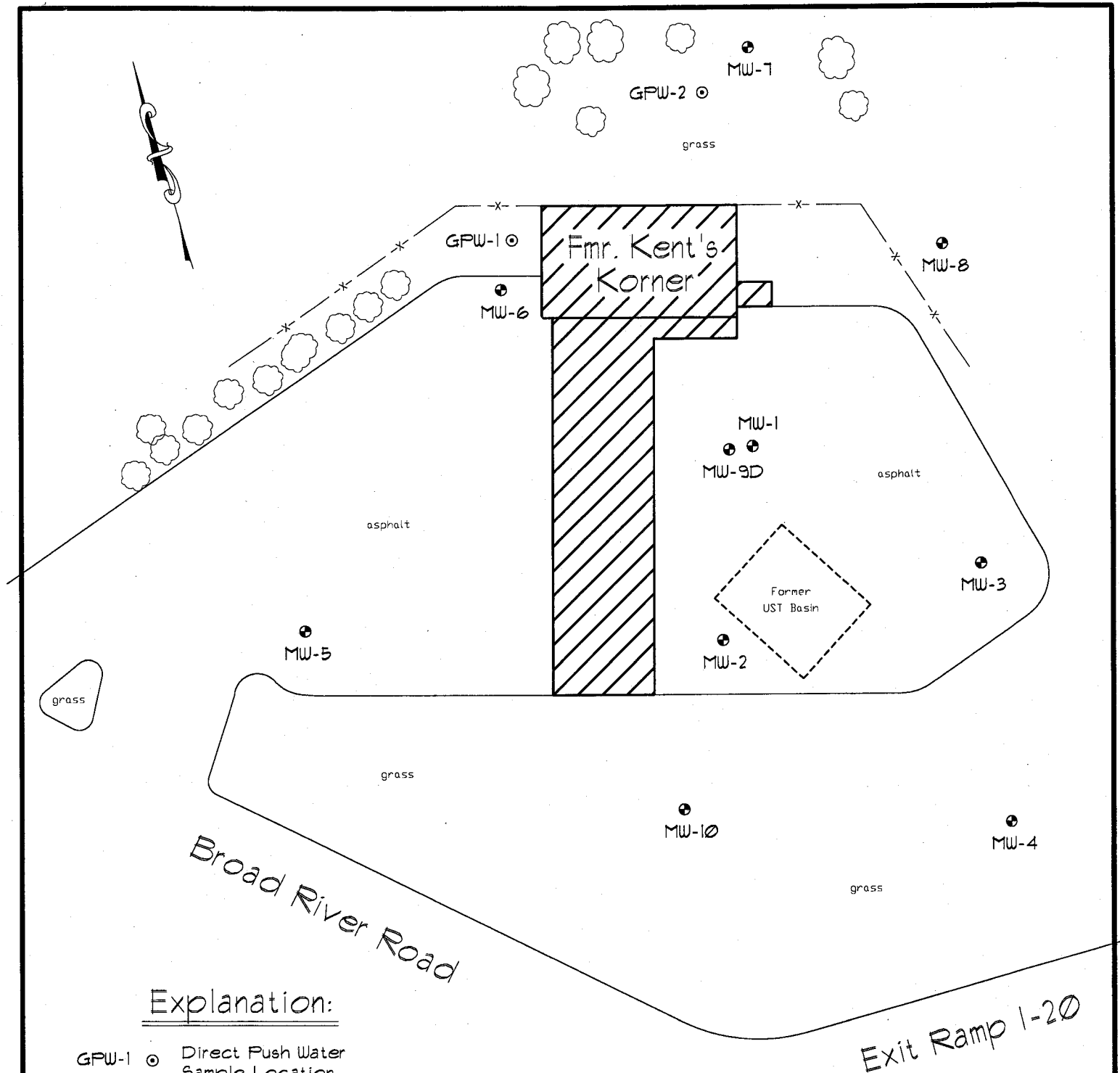
Midlands Environmental appreciates the opportunity to offer our professional environmental related services to you on this project. Please feel free to contact us at 808-2043 if you have any immediate questions or comments.

Sincerely,
Midlands Environmental Consultants, Inc.


Theodore E. Raymond, Jr.
Project Scientist

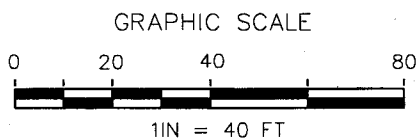

William C. McClary, P.G.
Senior Geologist

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

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NC Drinking Water 37706
SC 99006
FL NELAP E87627



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2225 Riverside Drive
Asheville, NC 28804
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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
GC Semivolatiles								
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		
GC/MS Volatiles								
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

Page: 1 of 5

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2225 Riverside Drive
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Phone: 828.254.7176
Fax: 828.252.4618

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

Page: 2 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: 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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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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Fax: 828.252.4618

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 or you can contact our consultant at (216) 486-9005 or via email at 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

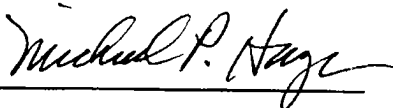
Prepared For:

**MARATHON PETROLEUM COMPANY, LP
539 South Main Street
Findlay, Ohio 45840-3295**

September 2016

Prepared By:

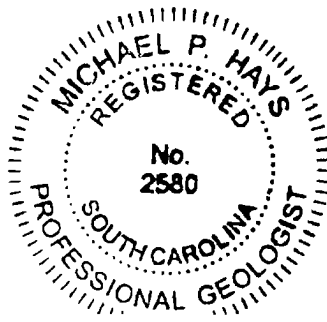
**PARSONS
4701 Hedgemore Drive
Charlotte, NC 28209**

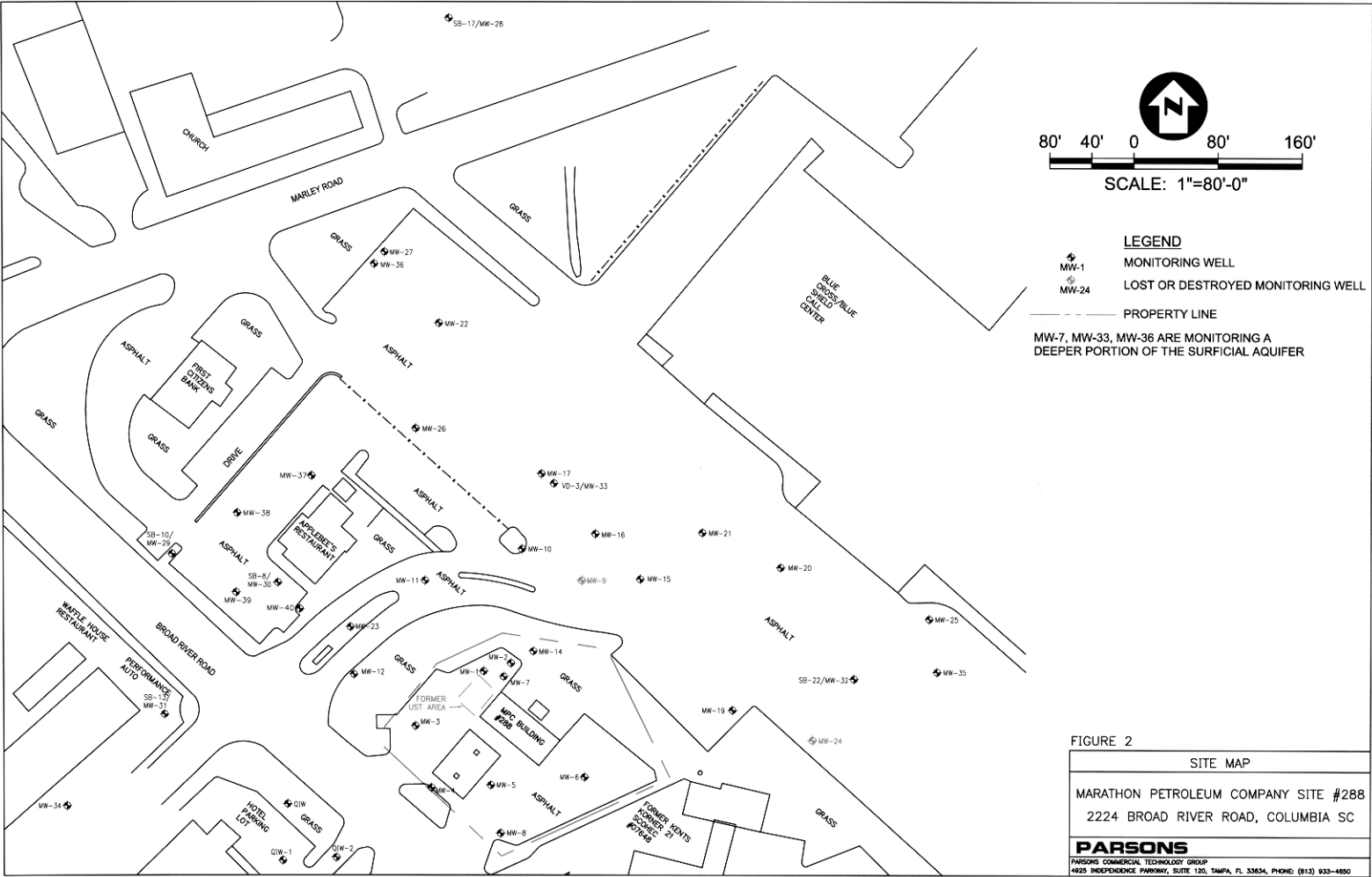


**Michael P. Hays, P.G.
(Reviewer)**

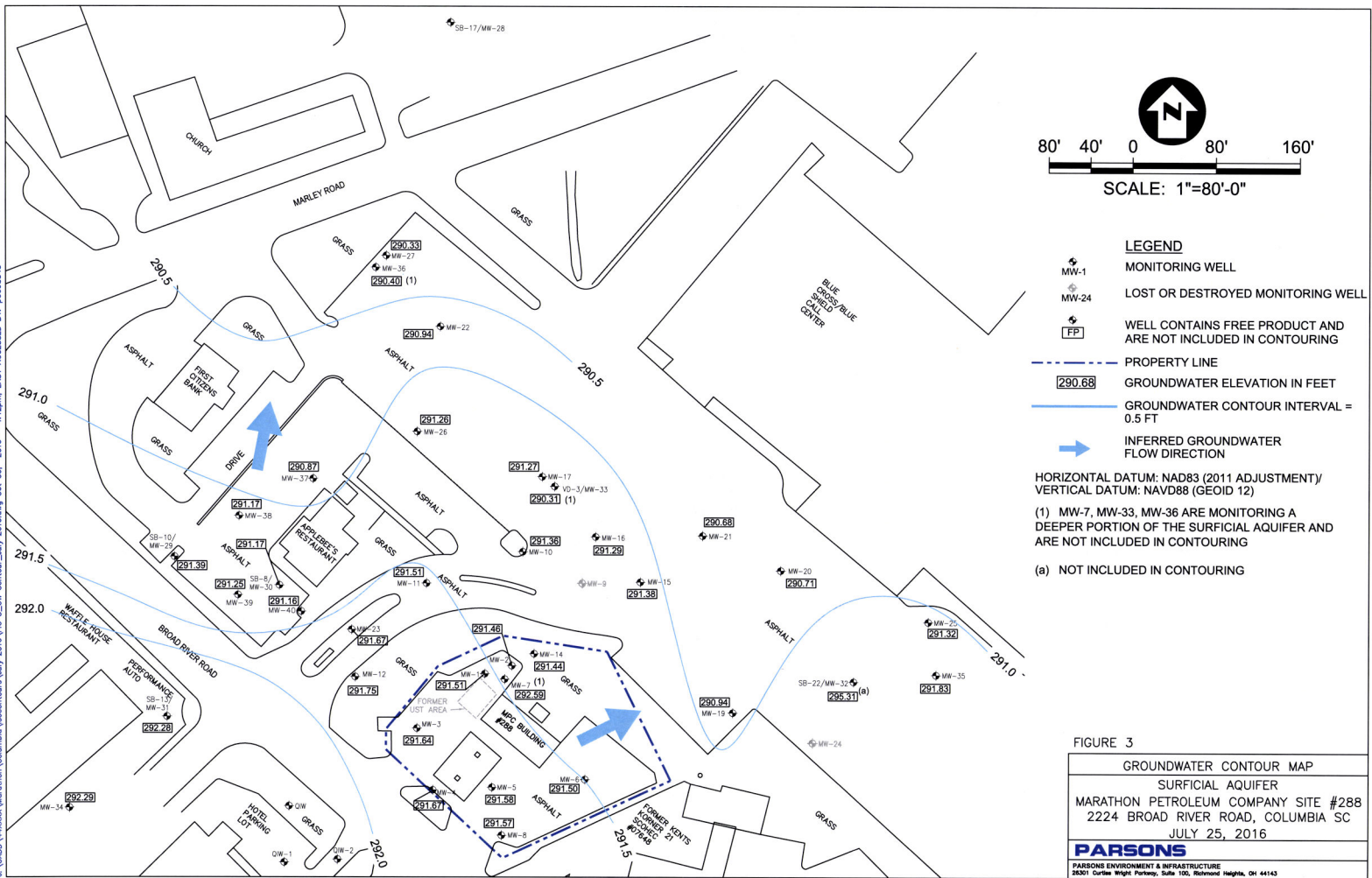


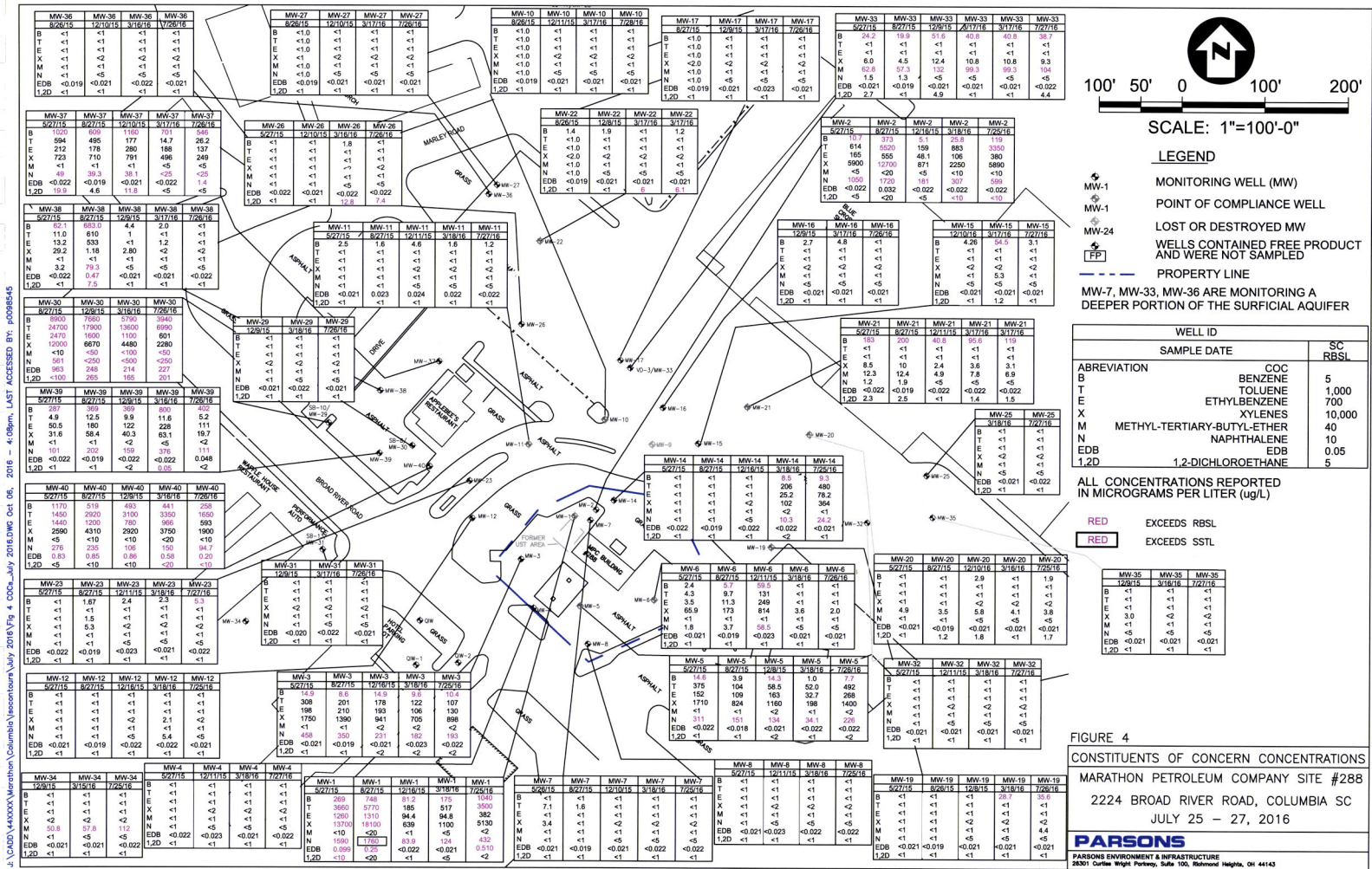
**Ray Banary
Project Manager**





J:\LOAD\1400000\Marathon\Columbia\Contour\July 2016\Fig 3_GW Contour_July 2016.dwg Oct 06, 2016 - 4:12pm, LAST ACCESSSED BY: j0008545





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: 07402-02-01
GRANTOR: Marathon Oil company
GRANTEE: AA Holding Company LLC
BOOK: R-1025 **PAGE:** 2874
DATED: 02/07/2005 **RECORDED:** 02/22/2005

1.1.2 Previous Ownership:

TMS Number: 07402-02-01
GRANTOR: Emro Marketing Company (FKA Port Oil Inc.)
GRANTEE: Marathon Oil company
BOOK: R-12 **PAGE:** 85
DATED: 12/18/1997 **RECORDED:** 03/05/1998

TMS Number: 07402-02-01
GRANTOR: Power Oil Company of Columbia, Inc.
GRANTEE: Port Oil Inc.
BOOK: D-713 **PAGE:** 149
DATED: 10/04/1984 **RECORDED:** 10/01/1984

TMS Number: 07402-02-01
GRANTOR: Shell Oil Company
GRANTEE: Power Oil Company of Columbia, Inc.
BOOK: D-594 **PAGE:** 954
DATED: 12/02/1981 **RECORDED:** 10/29/1981

TMS Number: 07402-02-01
GRANTOR: The Great Southern Mortgage Company
GRANTEE: Shell Oil Company
BOOK: D-174 **PAGE:** 42
DATED: 04/10/1970 **RECORDED:** 04/15/1970

TMS Number: 07402-02-01
GRANTOR: C. W. Haynes
GRANTEE: The Great Southern Mortgage Company
BOOK: D-26 **PAGE:** 366
DATED: 10/22/1965 **RECORDED:** 11/01/1965

Assessor Data View

The information provided on this page reflects data as of December 31, 2016 and should be used for reference only. For official assessment information, please contact the Richland County Assessor's Office.

Information presented on the Assessor's Database is collected, organized and provided for the convenience of the user and is intended solely for informational purposes. **ANY USER THEREOF OR RELIANCE THEREON IS AT THE SOLE DISCRETION, RISK AND RESPONSIBILITY OF THE USER.** While every attempt is made to provide information that is accurate at the date of publication, portions of such information may be incorrect or not current. **RICHLAND COUNTY HEREBY DISCLAIMS ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, AS TO ITS ACCURACY, COMPLETENESS OR FITNESS FOR ANY PARTICULAR PURPOSE.** All official records of the County and the countywide elected officials are on file in their respective offices and may be viewed by the public at those offices.

Owner Information

Tax Map Number: R07402-02-01
 Owner: AA HOLDING COMPANY LLC
 Address 1: 1019 GARDEN VALLEY LN
 Address 2:
 Address 3:
 City/State/Zip: COLUMBIA SC 29210
 Property Location/Code: 2224 BROAD RIVER RD

Tax Information

Year: 2016
 Property Tax Relief: \$0.00
 Local Option Sales Tax Credit: (\$340.97)
 Tax Amount: \$6,036.50
 Paid: Yes
 Homestead: No
 Assessed: \$13,840.00

Assessment Information

Year Of Assessment: 2017
 Tax District: 1UR
 Acreage Of Parcel: 0.00
 Non-Agriculture Value: \$141,100.00
 Building Value: \$89,600.00
 Taxable Value: \$230,700.00
 Zoning: M-1
 Legal Residence: No
 Sewer Connection: CITY
 Water Connection: CITY
 Agriculture Value: \$0.00
 Improvements: \$0.00

Property Information

Legal Description: 152.2X19.9X85X79.9X85X124.7X
 Land Type: COMMERCIAL LAND
 175
 #PR W/S

Sales History

Current Owner Name	Sale Date	V/I	Book/Page	Sale Price	Qual Code
AA HOLDING COMPANY LLC	02/22/2005	I	R1025/ 2874	\$305,000.00	Q
MARATHON OIL COMPANY	03/05/1998	I	R0012/ 85	\$10.00	9
PORT OIL INC	10/00/1984	I	D713 / 149	\$365,000.00	Q
POWER OIL CO OF COLUMBIA	12/00/1981	I	D594 / 954	\$203,800.00	Q

Qualification Code Definitions

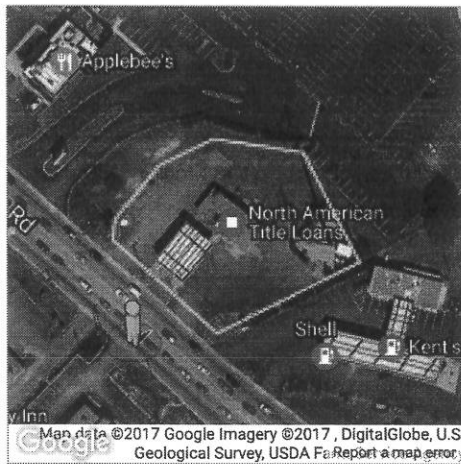
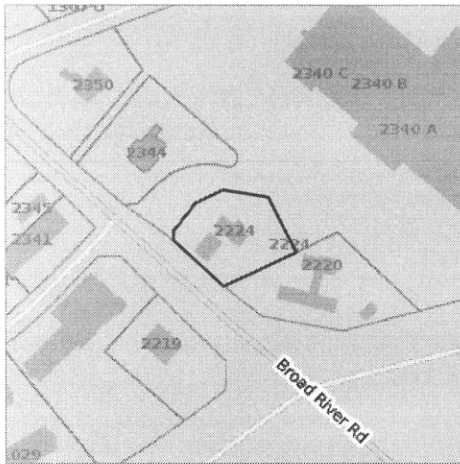
Structure Information

Building Number	Year Structure Was Assessed	Building Description	Actual Year Built	Number Of Bathrooms	Number Of Bedrooms	Total Number Of Stories	Heated Square Footage	Total Square Footage
1	2016	COMPLETE AUTO DEALERSHIP	1967	1.0	0	1.0	1807	4343
1	2014	COMPLETE AUTO DEALERSHIP	1967	1.0	0	1.0	1807	4343

Structure Details

2224 BROAD RIVER RD | R07402-02-01

Print



Address

Address	2224 BROAD RIVER RD
Municipality	Unincorporated
School District	Richland School District 1
Garbage Coll. Day	Monday
Recycling Coll. Day	Monday EOW-B
Yard Trash Coll. Day	Monday
Latitude	34.04097
Longitude	-81.09511
Elevation	315 ft

Census

Year	2010	2000	1990
Avg Hshld Income	\$42,212	\$43,833	\$43,500
Avg Home Value	\$106,300	\$81,200	\$68,500
Pop. Density (/sqmi)	1,350	972	1,300

Property

TMS	R07402-02-01
Owner	AA HOLDING COMPANY LLC
Beds	0.0
Baths	1.0
Heated Sqft	1,807
Year Built	1967
Tax District	1UR
Land Value	\$141,100
Building Value	\$89,600
Assessed Value	\$230,700
Last Sale	\$305,000 (02/22/2005)
Zoning	M-1
Secondary Zoning	
Owner Occupied	No

Political

Voting Precinct	Kingswood
Voting Location	Columbia High School
County Council Dist.	2
County Council Rep.	Joyce Dickerson
SC Senate Dist.	19
SC Senate Rep.	John L. Scott, Jr.
SC House Dist.	73
SC House Rep.	Christopher R. Hart
County Magistrate Dist.	DUTCH FORK
County Magistrate	JUDGE MEL MAURER
Congressional Dist.	6
Congressional Rep.	James Clyburn

Disclaimer: This application is a product of the Richland County GIS Department. The data depicted here have been developed with extensive cooperation from other county departments, as well as other federal, state and local government agencies. Reasonable efforts have been made to ensure the accuracy of this map. However, the information presented should be used for general reference only. Richland County expressly disclaims responsibility for damages or liability that may arise from the use of the information presented herein.

Book 01025-2874
 2005012337 02/22/2005 13:21:55:92
 Fee: \$10.00 County Tax: \$335.50 State Tax: \$793.00
 2005012337 John G. Noms
 Warranty Deed
 Richland County, South Carolina

STATE OF SOUTH CAROLINA

LIMITED WARRANTY DEED

COUNTY OF RICHLAND

KNOW ALL MEN BY THESE PRESENTS, that **MARATHON OIL COMPANY**, an Ohio corporation, whose address is 539 South Main Street, Findlay, Ohio 45840, GRANTOR, for the consideration of Three Hundred Five Thousand Dollars (\$305,000.00), received to its full satisfaction of **AA HOLDING COMPANY LLC**, whose TAX MAILING ADDRESS will be 14 Oakbrook Court, Columbia, South Carolina 29223-8124, GRANTEE, does give, grant, bargain, sell and release unto said GRANTEES the following described real estate in its existing "as is" condition in the County of Richland, and State of South Carolina:

PARCEL 1

*TMS # 07402-02-01 JTR.
D 12/85*

ALL that certain piece, parcel of lot of land situate, lying and being on the northeastern side of U. S. Highway No. 176 one hundred (100') feet North 49° 49' West of the point of intersection of the northeastern side of U. S. Highway No. 176 with the northwestern boundary of the sight easement of the right-of-way of Interstate Highway No. 20, in the County of Richland and State of South Carolina and as shown on a plat of survey prepared for Marathon Petroleum Company by Cox & Dinkins, Engineers and Surveyors, dated September 21, 1984, and recorded in the RMC Office for Richland County, said parcel having such size, shape, buttings and boundings, measuring and containing as will be seen by reference to the above referenced plat while said plat is incorporated herein by reference.

COMMENCING at a point on the northeastern side of U. S. Highway No. 176 one hundred (100') feet North 50° 33' West of the intersection with the sight right-of-way of Interstate Highway No. 20 and running thence North 50° 33' West along the northeastern side of U. S. Highway No. 176 one hundred fifty-two and 15/100 (152.15) feet to a point at the intersection of a proposed road with U. S. Highway No. 176; thence turning and running in a curved line forming the eastern corner of the intersection of the proposed road with U. S. Highway No. 176 to a point on the southeastern side of the proposed road, the cord of which runs North 2° 14' West nineteen and 96/100 (19.96) feet; thence running North 46° 05' East along the southeastern side of the proposed road eighty-five (85') feet to a point; thence continuing along the southeastern side of the proposed road in a slightly curved line, the cord of which runs North 63° 23' East seventy-nine and 98/100 (79.98) feet to a point; thence turning and running South 71° 56' East along the southern side of the proposed road eighty-five and 02/100 (85.02) feet to a point; thence turning and running South 29° 47' East along the boundary line of property now or formerly of Intertec Data Systems one hundred twenty-four and 70/100 (124.70) feet to a point; thence turning and running South 63° 58' West along the boundary line of property

now or formerly of Exxon Corp. one hundred seventy-five (175) feet to the point of commencement.

Subject to:

1. (a) taxes and assessments (both general and special) not now due and payable; (b) zoning ordinances, subdivision and planning laws and regulations and building code restrictions and all laws, rules and regulations relating to land and structures and their use, including but not limited to governmental regulations relating to building, building construction, building line and use and occupancy restrictions, and violations of any of the foregoing; (c) easements, conditions, agreements and restrictions of record; (d) such a state of facts as an accurate survey might show and; (e) all legal roads and highways.

2. By acceptance hereof, Grantees agrees that for a period of ten (10) years from and after the date of this conveyance, the premises shall not be used for a convenience store or for the sale, marketing, storage or advertising of petroleum fuels or motor oils, and that this restriction shall be a covenant running with the land and shall be contained in and made a part of every deed, mortgage, lease or other instrument affecting the title to said premises.

This deed is subject to the following reservations, restrictions and conditions which shall be covenants running with the land and shall be binding upon Grantees, its successors, assigns and all future owners of the premises, and their respective directors, officers, employees, contractors, agents, representatives, lessees, licensees, invitees, and any user or occupant of all or any portion of the premises (collectively, "Grantee", for purposes of these reservations, restrictions and conditions):

1. Grantor reserves the right to enter upon the premises, at no cost to Grantor, at reasonable times to conduct any Corrective Action only as and when required by the governmental agency with jurisdiction (the "Agency") in connection with a release of petroleum hydrocarbons at the premises. As used herein, the term, "Corrective Action", shall refer to one or more of the following activities: investigation, assessment, monitoring, sampling, analysis, cleanup, removal, disposal, on-site treatment, off-site treatment, active remediation, passive remediation, remediation alternatives including but not limited to risk-based corrective action ("RBCA"), if applicable, and/or other activities approved, concurred in or required by the Agency. In performing any Corrective Action at the premises, Grantor will have the right to rely on and use any current, future or revised or amended state cleanup/remediation standards, guidelines or criteria or revised federal cleanup/remediation standards, if applicable, including without limitation any site-specific risk-based soil and groundwater cleanup objectives or other similar RBCA policies administered by the Agency. In performing any Corrective Action at the premises, Grantor may also rely on and implement institutional controls as provided for in applicable laws, regulations and policies to ensure the protection of public health, safety or welfare and the environment. Grantee acknowledges that such institutional controls may require deed recordation running with the land at the premises. Such deed recordation would contain certain restrictions based on site-specific exposure such as prohibiting the use of groundwater at the premises, requiring that the use of the premises remain commercial/industrial, or requiring the premises, or a portion of the premises, to be paved or that existing pavement remain in place and be properly maintained. Grantee agrees to permit reasonable institutional controls regarding the premises in connection with Grantor's performance of any Corrective Action thereon. Grantee agrees to provide Grantor, at no cost to Grantor, with Grantee's written consent and signature as needed in connection with the preparation, execution and recording of any necessary documents relating to any institutional controls which are to be recorded on the premises as part of Grantor's performance of Corrective Action. Such institutional controls, if necessary, would not prohibit the use of the premises for industrial/commercial purposes. Grantor reserves its legal appeal rights with respect to any orders, directives or requests of the Agency concerning but not limited to Corrective Action at the premises. Grantee agrees that,

without prior written approval from Grantor, Grantee will not engage in any activity which would interfere with Grantor's performance of any Corrective Action at the premises. Such approval shall not be unreasonably withheld by Grantor. In the event that Grantee interferes with Grantor's performance of Corrective Action, Grantee agrees to pay Grantor for the reasonable costs incurred by Grantor as a result of any such interference, including, but not limited to, costs to replace monitoring wells that are damaged or destroyed by Grantee's activities.

2. The use of the premises shall be restricted solely to industrial/commercial use.
3. The installation and/or existence of potable wells on the premises is prohibited. The groundwater underneath the premises shall not be used for any purpose whatsoever. This restriction, however, does not prohibit the installation or use of any compliance wells, or any groundwater monitoring, recovery or extraction wells or similar devices, used for or related to the performance of any Corrective Action.
4. Grantee shall not have any claim against Grantor, or Grantor's parent companies, affiliates, predecessors, successors, assigns, subsidiary companies or their respective past, present and future officers, employees, agents and/or representatives (collectively, the "Released Parties"), based upon, related to or arising out of the presence of any contamination on, under or at the premises. The Released Parties are hereby forever released from any and all such claims including, but not limited to, any and all claims and statutory causes of action under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), the Resource Conservation and Recovery Act (RCRA), the Clean Water Act, the state law equivalents of such acts, state and federal underground storage tank laws and regulations and all other environmental laws and regulations, all as amended. This release shall not apply to claims of breach of that certain Offer to Purchase (including Exhibit "B") dated September 22, 2004, between Grantor and Grantee that may arise in the future.
5. Grantee agrees to adhere to, and comply with, the terms of any closure or no further action/remediation letter or determination from the Agency regarding Grantor's performance of Corrective Action.
6. Grantee hereby agrees to defend (with counsel reasonably acceptable to the Released Parties), indemnify and hold the Released Parties (as defined above) harmless from and against any and all liabilities, claims, losses, suits, actions, judgments, damages, costs (including reasonable attorneys' fees) or penalties that result from, arise out of or relate in any way to any violation of the reservations, restrictions and/or conditions contained in this deed.
7. In case any one or more of the reservations, restrictions or conditions (or portions thereof) contained in this deed shall, for any reason, be held to be invalid, illegal or legally unenforceable, in any respect, such invalidity, illegality or unenforceability shall not affect any other portion of that provision or any other provision hereof (whether or not clearly divisible from such provision or portion thereof), and the above reservations, restrictions and conditions shall be construed and interpreted in the manner which is valid, legal and legally enforceable, and which is most nearly consistent with the intention of Grantor and Grantee as evidenced by the above reservations, restrictions and conditions.

TO HAVE AND TO HOLD all and singular the premises before mentioned unto the said AA Holding Company LLC, its Heirs, Successors and Assigns forever.

AND it does hereby bind itself and its Successors and Assigns, to warrant and forever defend all and singular the said premises unto the said AA Holding company LLC, its Heirs and Assigns, only against itself and its Successors and Assigns and against every person whomsoever lawfully claiming, or to claim, the same or any part thereof by, through or under it.

WITNESS the execution hereof this 7th day of February, in the year of our Lord two thousand five and in the two hundred and thirtieth year of the Sovereignty and Independence of the United States of America.

SIGNED, SEALED AND DELIVERED
IN THE PRESENCE OF:

MARATHON OIL COMPANY

[Signature]
Printed: VICHA MCGILL

By: [Signature]
Name: P. C. Reinbolt
Title: V. President Finance & Treasurer

[Signature]
Printed: Inga Shafaruk

Attest: [Signature]
Name: Rick C. Bowers
Title: Asst. Secretary

STATE OF TEXAS

COUNTY OF HARRIS

Personally appeared before me the undersigned witness and made oath that they saw the within named Marathon Oil Company, by P. C. Reinbolt, as Vice President Finance & Treasurer, on its behalf sign, seal and as its Act and Deed, deliver the within written Deed, and that deponent with the other witness witnessed the execution thereof.

SWORN to before me this 7th day of February, 2005.

[Signature] (LS)

(SEAL) _____

Notary Public, Kim Zachary

My commission expires: 03/14/07

This Instrument Prepared By:

P. C. Claypool
Attorney at Law
539 S. Main Street
Findlay, OH 45840



MOC Unit No. 3674
Location: 1766 Meeting Street
Charleston, SC
T & C: 15-001-SC-000662