

Phase I Environmental Site Assessment Report

Richland County Tax Map #R07402-04-14
2121 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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Prepared for
South Carolina Department of Transportation,
and the Federal Highway Administration

Prepared by

F&ME
CONSULTANTS

Table of Contents

1. Summary.....	1
2. Introduction	2
2.1 Purpose.....	2
2.2 Detailed Scope of Services.....	2
2.3 Significant Assumptions.....	2
2.4 Limitations and Exceptions.....	3
2.5 User Reliance	4
3. Site Description	4
3.1 Location and Legal Description.....	4
3.2 Site and Vicinity General Characteristics	4
3.3 Geologic and Hydrogeologic Conditions	5
3.4 Current Use of the Property	5
3.5 Current Uses of the Adjoining Properties.....	5
4. User Provided Information	5
4.1 Title Records	5
4.2 Environmental Liens or Activity and Use Limitations	6
5. Records Review	6
5.1 Standard Environmental Record Sources	6
5.2 Historical Use Information on the Property	11
6. Site Reconnaissance	12
6.1 Methodology and Limiting Conditions	12
6.2 General Site Setting	13
6.3 Exterior Observations	13
7. Data Gaps	13
8. Findings	13
9. Opinions	15
10. Conclusions	16
11. Recommendations.....	16
12. Deviations	17
13. References	17

14. Signature of Environmental Professional	17
15. Qualifications of Environmental Professional	18

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

1. Summary

F&ME Consultants, Inc. (F&ME) has performed a Phase I Environmental Site Assessment (ESA) of the property, Jiffy Lube oil service station, located at 2121 Broad River Road, Columbia, South Carolina 29210 (Property). The Property is identified with the Richland County Tax Map number R07402-04-14. 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-two (22) facilities within the minimum search distances. Of the twenty-two (22) facilities identified, fifteen (15) are Underground Storage Tank (UST) facilities, four (4) are associated with Dry-cleaners and State Hazardous Waste Sites (SHWS), and three (3) are United States Environmental Protection Agency Resource Conservation and Recovery Act (RCRA) hazardous waste generators.

Opinions. F&ME identified one (1) Controlled Recognized Environmental Condition from a past UST release which occurred directly on the Property, one (1) Historical Recognized Environmental Condition on an adjoining parcel (north), one (1) Recognized Environmental Condition on an adjoining parcel (west), and two (2) Recognized Environmental Conditions on another adjoining parcel (north). All releases are Recognized Environmental Conditions in connection with the Property. Free product is still present in monitoring wells on an adjoining parcel and corrective action is ongoing. Based on a review of reasonably ascertainable information, groundwater and soil contamination are present on the Property as well as on adjoining parcels. Vapor-phase migration concerns exist on the Property and on adjoining parcels within the Project area.

Conclusions. This assessment has revealed indications of one (1) Historical Recognized Environmental Condition, one (1) Controlled Recognized Environmental Condition, and three (3) Recognized Environmental Conditions, in connection with the Property, associated with releases from leaking USTs. All are considered Recognized Environmental Conditions.

Recommendations. Active Remediation is ongoing on an adjoining parcel. It is F&ME's recommendation that a Phase II ESA is required if soils and/or groundwater are encountered on this Property or any adjoining parcels and the existing right-of-way of Broad River Road and I-20.

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 2121 Broad River Road, Columbia, South Carolina 29210. According to the online Richland County GIS mapping tool, the Property is listed under parcel number R07402-04-14, and the zoning description is GC "General Commercial." Refer to Appendix B for the general layout of the Property, and Appendix F for legal descriptions.

3.2 Site and Vicinity General Characteristics

The Property is located in an urban/suburban area. It consists of a Jiffy Lube oil service station. The Property is accessible via Broad River Road located to the north. 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 332 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 a Jiffy Lube oil service station.

3.5 Current Uses of the Adjoining Properties

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

Location Relative to the Property	Adjoining Property/Facility Description
North	Vacant (formerly Racetrac) and Vacant (formerly Sheppard's Texaco)
South	Word of God Church
East	Word of God Church driveway and Churches Fried Chicken Restaurant
West	Affordable Dentures (formerly Gulf Service Station)

4. User Provided Information

4.1 Title Records

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

4.1.1 CURRENT OWNERSHIP

Gilda Cioffi 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

Currently, no deed restrictions have been filed for the Property. Although, a UST release was discovered on the Property in 1995, transactions have taken place in 1996, 2000, 2011 and 2012. Future Property transactions will likely require deed restrictions, since cleanup is ongoing. 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-three (33) environmental records were identified for twenty-two (22) facilities within the minimum search distances. Of the twenty-two (22) facilities identified, fifteen (15) are UST facilities, four (4) are associated with dry-cleaners and State Hazardous Waste Sites, and three (3) are RCRA generators. See Appendix E for a listing of the results of these searches.

5.1.1 RCRA GENERATOR FACILITY

From the records research, three (3) facilities were located within the minimum search distance for RCRA hazardous waste generators. Sherwin Williams and Sharpes Former Wear are located at a lower elevation. Both are also a considerable distance from the Property at 893 and 963 feet, respectively. Due to the distance from the Property, and lower elevation, these facilities are generally not a potential impact to the Property.

USS Agri-Chemical is located at a higher elevation and approximately 128 feet away, east southeast of the Property. The facility is, currently, a non-generator. This means they were a hazardous waste generator at some point in the past. This facility has no known releases or violations. Due to the distance from the Property and the groundwater flow direction, this facility is generally not a potential impact to the Property.

Two (2) other facilities were located by the EDR search (Circle K and McQuick's), both are discussed below since they are RCRA generators by their connection to a release from leaking USTs.

5.1.2 UNDERGROUND STORAGE TANK FACILITIES

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

- Property, Jiffy Lube (McQuick's) (Permit number 10130), located at 2121 Broad River Road (release, target Property)
- Vacant (former Sheppard's Texaco) (Permit number 07605), located at 2116 Broad River Road (release, adjoining parcel)
- Vacant (former Racetrac) (Permit number 07910), located at 2108 Broad River Road (releases, adjoining parcel)
- Affordable Dentures (former Gulf Service Station) (Permit numbers 07342 and 11060), located at 2123 Broad River Road (release, adjoining parcel)
- Circle K (Kent's Korner/Exxon) (Permit number 07648), located at 2220 Broad River Road (release, lower elevation)
- North American Title Loans (former Speedway) (Permit number 07758), located at 2224 Broad River Road (release, lower elevation)
- Yokohama Tire (Permit number 18544), located at 2341 Broad River Road (release, lower elevation)
- Texaco Service (no permit number), located at Broad River & I-20 (no known release, lower elevation)
- Columbia Fire Department (Permit number 07326), located at 1225 Briargate Circle (release, lower elevation)
- Speedway 2842 (Permit number 07633), located at 1714 Broad River Road (release, lower 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, lower elevation)
- Pep Boys (Permit number 18230), located at 1804 Broad River Road (release, lower elevation)
- Sunoco (Ace 272) (Permit numbers 07759 and 10618) located at 1203 Bush River Road (release, lower elevation)

eleven (11) of the UST facilities (Circle K, former Speedway, Yokahama, Texaco Service, Columbia Fire Department, Speedway 2842, Fraiser Tire, Pep Boys, Former USA Service, Sunoco/Ace 272, and Penske Auto Center) were at a lower elevation. Due to the distance from the Property, lower elevation, and groundwater flow direction, a release from these facilities would generally not be a potential threat to the Property. The Property and the adjoining parcels are discussed below.

Property, Jiffy Lube (McQuick's) (Permit number 10130), located at 2121 Broad River Road - F&ME reviewed the SCDHEC Underground Storage Tank Registry website, which revealed that Jiffy Lube (former McQuick's), located at 2121 Broad River Road is a UST site registered with the State. All three (3) USTs were abandoned by removal and no active tanks are listed on the Registry.

The SCDHEC Registry showed that a release associated with the Property was reported in October of 1995 and cleanup was initiated in November of 1995. Various stages of assessment activities and associated reporting have occurred in connection with this release and subsequently lead to SCDHEC issuing a conditional No Further Action (NFA) letter on November 5, 2013. The conditional NFA letter declared that no further action was required and that the release is understood to be controlled. However, groundwater contamination above the maximum contamination limit (MCL) was noted to remain on the Property. The most current data provided, by FOI, was "Groundwater Monitoring Results," submitted to the SCDHEC by Force & Associates Incorporated, dated October 9, 2013. A copy of the "Chemicals of Concern Map," taken from this report, showing the CoC concentrations in groundwater on the Property and adjoining parcels in 2013, is provided in Appendix E.

During F&ME's field reconnaissance, no groundwater monitoring wells were located on the Property. However, several locations of patched asphalt, noted during field reconnaissance, may have been previous monitoring well locations. Multiple monitoring wells were found on adjoining parcels. According to the report ten (10) monitoring wells were associated with a release from the Property in 2013. Ed Mendenhall, of the UST Program at SCDHEC, confirmed the EDR and SCDHEC Registry results and indicated that the monitoring wells on the Property had been abandoned. Groundwater is generally understood to be traveling northwest, toward 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 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, on adjoining parcels, and within Broad River Road 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.

Vacant (former Sheppard's Texaco) (Permit number 07605), located at 2116 Broad River Road - The SCDHEC Underground Storage Tank Registry website revealed that the former Sheppard's Texaco, located at 2116 Broad River Road, is a vacant gas station, which is a UST site registered with the State. No tanks are currently in use at the site. Four (4) USTs were abandoned by removal.

The SCDHEC Registry showed that a release associated with this parcel was reported in September of 2008. Cleanup was initiated in November of 2008. NFA was provided by the SCDHEC on January 13, 2014, when cleanup was determined to be complete. According to Ed Mendenhall, with the UST Program at SCDHEC, the NFA provided in 2014 was not conditional and groundwater monitoring results from 2014 show that the concentrations of CoCs are below established risk based screening levels (RBSLs). The most current data provided, by FOI, was a "Groundwater Monitoring Report," submitted to the SCDHEC by Leidos Engineering, LLC., dated December 20, 2013. A copy of the "Constituents of Concern in Groundwater November 2013," taken from this report showing the CoC concentrations in groundwater on this parcel and adjoining parcels in 2013, is provided in Appendix E.

During F&ME's field reconnaissance, five (5) groundwater monitoring wells were found on this parcel and one (1) on an adjoining parcel. The Groundwater Monitoring Report shows twelve (12) monitoring wells on and off site associated with this parcel in 2013. Many of the wells were abandoned at that time. According to Mr. Mendenhall, a request was recently submitted, March 2016, to abandon the remaining six (6) monitoring wells. Mr. Mendenhall, indicated that the company's request would likely be approved.

Groundwater is, generally, understood to be traveling northwest, away from Broad River Road and toward the entrance ramp to I-20. Based on a review of reasonably ascertainable information from EDR, FOI, site reconnaissance and Mr. Mendenhall no drinking water wells have been affected by the release and cleanup has been completed according to SCDHEC standards. However, groundwater and soil have been affected by a release in the past. This is a HREC.

This HREC has impacted soil and groundwater, and has the potential to impact soil and groundwater on adjoining parcels within the Project area. Due to the presence of potentially contaminated soils, vapor-phase migration concerns currently exist at this parcel and on adjoining parcels.

Vacant (former Racetrac) (Permit number 07910), located at 2108 Broad River Road (listed as 2114 Broad River on the SCDHEC website) - F&ME reviewed the SCDHEC Underground Storage Tank Registry website,

which revealed that the former Racetrac, located at 2108 Broad River Road is a UST site registered with the State. All four (4) USTs were abandoned, three (3) by removal and one (1) was filled with inert material and left in place on this parcel. No active tanks are listed on the Registry. Ed Mendenhall, of the UST Program at SCDHEC, indicated that the remaining tank (11,000 gallons filled with inert material) was recently abandoned by removal in January 2017.

The SCDHEC Registry shows, three (3) confirmed releases associated with this parcel. Releases were reported in 1991, 2010, and 2017. Cleanup was reported complete (only for the 2010 release) and an NFA was provided on October 5, 2010. Mr. Mendenhall explained that an NFA was provided for the 2010 release, only, due to the CoC concentrations from this release were below those from the 1991 release. The first release from 1991 and the third release from 2017 are still considered two (2) separate releases and, potentially, two (2) separate plumes. The FOI data provided by SCDHEC showed that the soil sample results exceeded Risk Based Screening Levels (RBSLs) and groundwater contamination was above the maximum contamination limit (MCL). The most current data provided, by FOI, was "Groundwater Monitoring Report," submitted to the SCDHEC by PPM Consultants, Incorporated, dated January 20, 2017. A copy of the "Groundwater Analytical Map," taken from this report, showing the CoC concentrations in groundwater on this parcel and adjoining parcels in 2017, is provided in Appendix E.

During F&ME's field reconnaissance, approximately five (5) groundwater monitoring wells were located on this parcel. According to the report nine (9) monitoring wells are associated with a release from this parcel in 2017. Groundwater is generally understood to be traveling east, toward the adjoining wooded lot. 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 Mr. Mendenhall, groundwater and soil contamination are present on this parcel as well as on adjoining parcels.

According to Mr. Mendenhall, two (2) separate plumes are, potentially, present on this parcel. Therefore, the two unresolved releases are considered two (2) separate RECs which have impacted soil and groundwater, and have the potential to impact soil and groundwater on adjoining parcels within the right-of-way. Due to the presence of contaminated groundwater and soils, vapor-phase migration concerns currently exist at this parcel, on adjoining parcels, and within the Project area.

Affordable Dentures (former Gulf Service Station) (Permit numbers 07342 and 11060), located at 2123 Broad River Road - F&ME reviewed the SCDHEC Underground Storage Tank Registry website, which revealed that the former Gulf Service Station, located at 2123 Broad River Road, was a UST site registered with the State. All ten (10) USTs were abandoned by removal. No active tanks are listed on the Registry.

The SCDHEC Registry showed that a release associated with this parcel was reported in June of 1993. Cleanup was initiated in November of 1994. Cleanup has not been reported complete. According to Ed Mendenhall, with the UST Program at SCDHEC, this is still an active site and free product is present in at least one monitoring well, MW- 9. The most current data provided, by FOI, was a "Groundwater Monitoring Report – March 2015," submitted to the SCDHEC by URS Corporation, dated May 1, 2015. A

copy of the “Groundwater COC Map,” taken from this report showing the CoC concentrations in groundwater on this parcel and adjoining parcels in 2015, is provided in Appendix E.

During F&ME’s field reconnaissance, seven (7) groundwater monitoring wells were found on this parcel. The Groundwater Monitoring Report shows approximately fourteen (14) monitoring wells on and off site, in 2015, associated with a release from this parcel. Groundwater is generally flowing to the west, toward the right-of-way for I-20.

Groundwater and soil have been affected by a release in the past. This is a REC. This REC has impacted soil and groundwater, and has the potential to impact soil and groundwater on adjoining parcels within the Project area. Due to the presence of contaminated soils, vapor-phase migration concerns currently exist on this parcel, on adjoining parcels, and within the Project area.

5.1.3 DRY-CLEANING AND STATE HAZARDOUS WASTE SITES

The database search found four (4) SHWS and Dry-cleaning facilities within the minimum search distance. These sites are as follows.

- Palmetto Fine Cleaners, located at 1718 Broad River Road (release, lower elevation)
- Suburban Lodge, located at 1633 Broad River Road (release, lower elevation)
- Brite Cleaners (Dry-cleaner/Brownfield), located at 422 Broad River Road (release, lower elevation)
- Tripp’s Fine Cleaner, located at 1339 Broad River Road (release, lower elevation)

All of the facilities are at lower elevation than the Property, due to the distance from the Property, and the groundwater flow direction, 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)	1936, 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 1936, show the use was primarily rural farmland and woodlands. The Property, at that time, appears to show a residential home. An unpaved 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. However, unpaved access roads connect the Property to the adjoining parcel to the east. By 1951 to 1955, the unpaved access roads are no longer visible and the wooded lot across Broad River Road appears to have been forested.

By 1964, smaller residential lots are being developed along Broad River Road and southwest of the Property and a major portion of I-20 has also been constructed. A laydown area for construction equipment appears to be located to the northwest, across Broad River Road and adjacent to I-20.

By 1971, a building appears on the adjoining parcel to the west and I-20 has been completed. Dutch Square Mall, to the south, has been constructed. The large wooded area south and west of the Property has also been forested and, by 1983, the formerly wooded area has been developed, primarily, for commercial sales. Both adjoining parcels across Broad River Road to the northeast have also been developed. In 1983, the home has also been removed from the Property, and a Mobil filling station has been constructed. The entire Property now has an asphalt overlay.

By 1989, a new building has been constructed on the Property, which is the present structure seen today. Another building, appears to have been constructed on the adjoining parcel to the southwest. By 1999, it appears that the building on the parcel to the west has been modified or removed and new structure constructed in its place.

Little appears to have changed from 1999 to 2009. By 2011, sizable earth work appears to be ongoing to the west of the Property on the church parcel. At this location, a large swath of trees has been removed and the land cleared.

The directory also shows that Mobil Oil Corporation gas station, was located on the Property, by 1973. The adjoining gas stations appeared in the directory of 1970. The directory shows that Robertson's Gulf Service, Sheppard's Texaco Service, and Columbia Service Station operated on adjoining parcels to the west, north, and northeast, respectively. By 1983, the Property name changed to Quick Mart. In 1988, the Property is listed as Mc Quick's Oilube Auto Repair. By 2003, Jiffy Lube becomes the new, and present, listing for the Property.

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 Jiffy Lube oil service station. The building is a painted cinder block structure with glass door and windows, office/waiting area, three (3) drive through garage bays, and a flat built-up roof. Access to the Property was via Broad River Road located to the north. Most of the Property has a paved, asphalt, and concrete overlay. The remaining areas are landscaped and/or filled with mulch.

6.3 Exterior Observations

During site reconnaissance, the following site features were noted: overhead sign located along Broad River Road, asphalt overlay over most of the Property, patched asphalt in approximately five (5) locations, fire hydrant, HVAC units, and landscaping on the Church driveway (adjoining parcel) located to the east.

Although, a petroleum release occurred on the Property in 1995, no monitoring wells were located on the Property. Multiple wells were located on adjoining parcels during site reconnaissance. Approximately, five (5) patched asphalt locations were found on the Property. Records confirmed that these patches were abandoned monitoring wells.

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 1973, 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 a Jiffy Lube oil service station.
- Most of the Property is paved with asphalt. The remaining portion of the property landscaped with plants and mulch.
- 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.
- Three (3) USTs were confirmed to be abandoned during field reconnaissance.
- Approximately ten (10) groundwater monitoring and recovery wells were associated with the release on the Property in a report from 2013.
- Groundwater is understood to be traveling northwest, toward Broad River Road. Soil and soil vapor concerns, potentially, still exist on the Property, on adjoining parcels, and within the Project area.
- Regulatory records research indicated thirty-three (33) environmental records were identified for twenty-two (22) facilities within the minimum search distances. Of the twenty-two (22) facilities identified, fifteen (15) are UST facilities, four (4) are associated with dry-cleaners and State Hazardous Waste Sites, three (3) is a RCRA generators.
 - Research for the Property indicates that a release to groundwater occurred at this location in the past. Contamination is still present on site and continues to be monitored. The release has impacted soil and groundwater, and has the potential to impact soil and groundwater on adjoining parcels within the Project area.
 - Vacant parcel (formerly Sheppard's Texaco) is an adjoining parcel (north). A release to groundwater has occurred, and contamination was historically present in soil and groundwater on and off site. The release affected both soil and groundwater in the past. According to the SCDHEC, this parcel has been cleaned up to meet the SCDHEC standards for UST release. Discarded trash, debris and tires are found at multiple locations on this parcel.
 - Vacant parcel (formerly Racetrac) is an adjoining parcel (north). Two (2) separate plumes are, potentially, present on this parcel from two (2) separate releases. Due to the presence of contaminated groundwater and soils, vapor-phase migration concerns currently exist at this parcel, on adjoining parcels, and within the Project area.
 - Affordable Dentures is an adjoining parcel (west). Groundwater and soil have been affected by a release in the past. Due to the presence of contaminated soils, vapor-phase migration concerns currently exist on this parcel, on adjoining parcels, including the Project area.

- Eleven (11) of the UST facilities are located within the minimum search distance at a lower elevation and/or at a distance that would generally not be a potential threat to the Property.
- Four (4) SHWS and dry-cleaning sites are located within the minimum search distance at a lower elevation and/or at a distance that would generally not be a potential threat to the Property.
- One (1) RCRA non-generator is located within the minimum search distance. This facility has no known releases or violations. Due to the distance from the Property, this facility is generally not a potential impact to the Property.

9. Opinions

Based on our records research and interview with SCDHEC, it is F&ME's opinion that the potential for contamination is still present from past releases on the Property and three (3) adjoining parcels. 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) HREC, one (1) CREC and three (3) RECs in connection with the Property

- Research for the Property indicates that a release to groundwater occurred at this location in the past. Contamination is still present on site and continues to be monitored. 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 CREC which has impacted soil and groundwater, and has the potential to impact soil and groundwater on adjoining parcels within the Project area.
- Vacant parcel (formerly Sheppard's Texaco) is an adjoining parcel (north). Research indicates that a release to groundwater has occurred, and contamination was historically present in soil and groundwater on and off site. According to the SCDHEC, this parcel has been cleaned up to meet the SCDHEC standards for the UST release. However, these standards are based on risk for an operating gas station. This HREC has impacted soil and groundwater, and has the potential to impact soil and groundwater on adjoining parcels within the Project area. Due to the presence of contaminated soils, vapor-phase migration concerns currently exist on this parcel and on adjoining parcels.
- Vacant parcel (formerly Racetrac) is an adjoining parcel (south). Two (2) separate plumes are, potentially, present on this parcel. Therefore, the two unresolved releases are considered two (2) RECs which have impacted soil and groundwater, and has the potential to impact soil and groundwater on adjoining parcels within the Project area. Due to the presence of contaminated groundwater and soils, vapor-phase migration concerns currently exist on this parcel, on adjoining parcels, and within the Project area.
- Affordable Dentures is an adjoining parcel (south). Groundwater and soil have been affected by a release in the past. This is a REC. This REC has impacted soil and groundwater, and has the potential to impact soil and groundwater on adjoining parcels within the Project area. Due to the presence of contaminated soils,

vapor-phase migration concerns currently exist on this parcel, on adjoining parcels, including 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 2121 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) HREC one (1) CREC, and three (3) RECs in connection with the Property, associated with a release from leaking USTs. All are considered RECs in connection 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 2121 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 five (5) 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

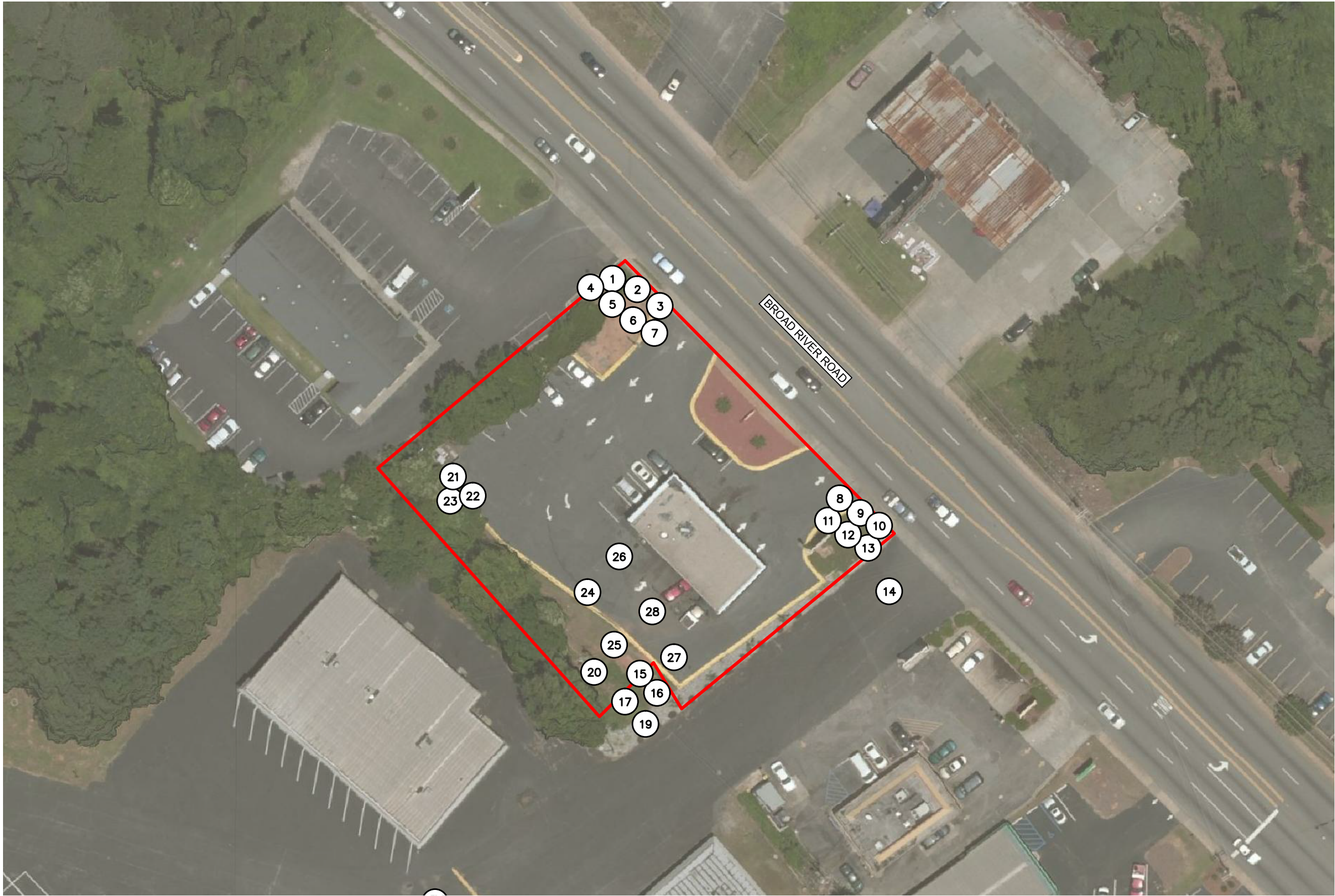
Figure 1
Site Vicinity

Richland County Tax Map #R07402-04-14
2121 Broad River Road, Columbia, SC

06/2017

Sheet 1 of 1

Appendix B—Site Plan



0 25 50
Feet
1 inch = 50 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 #R07402-04-14
2121 Bush River Road, Columbia, SC



Appendix C—Site Photographs

Photograph 1



View from the north corner of the Property looking south at the Jiffy Lube located on the Property.

1

Photograph 2



View from the north corner of the Property looking southwest.

2

Photograph 3



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

3

Photograph 4



View from the
north corner of the
Property looking
south.

4

Photograph 5



View of adjoining property across Broad River Road to the northeast.

5

Photograph 6



View of adjoining property across Broad River Road to the north.

6

Photograph 7



View from north corner of Property looking at the adjoining property to the west.

7

Photograph 8



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

8

Photograph 9



View from the east corner of Property looking southwest.

9

Photograph 10



View from the east corner of Property looking west.

10

Photograph 11



View from the east corner of Property looking at adjoining property to the southeast.

11

Photograph 12



View from the east corner of Property looking at adjoining property to the southeast.

12

Photograph 13



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

13

Photograph 14



View of fire hydrant located near the east corner of the Property.

14

Photograph 15



View from the
south corner of
Property looking
northeast.

15

Photograph 16



View from the
south corner of
Property looking
northwest.

16

Photograph 17



View from the south corner of Property looking west at the adjoining property.

17

Photograph 18



View of the building located on the adjoining property to southwest of the Property. Photo taken from the south side of building looking north.

18

Photograph 19



View from the south corner of Property looking south at the adjoining property.

19

Photograph 20



View of the backside of the Jiffy Lube.

20

Photograph 21



View of trash
dumpster and
container for
“drained used oil
filters” located in
the west corner of
the Property.

21

Photograph 22



View from the west
corner of Property
looking southeast.

22

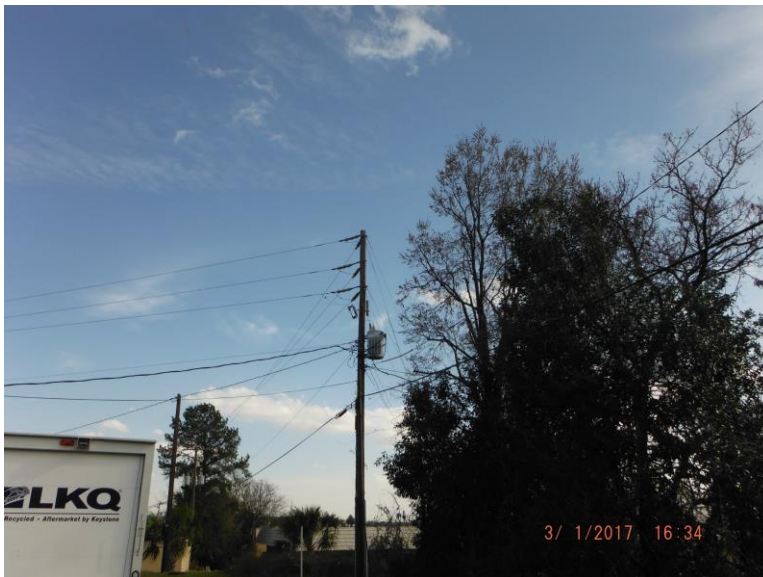
Photograph 23



View from the west corner of Property looking east.

23

Photograph 24



View of the pole-mounted electrical transformer located along the southwest side of the Property.

24

Photograph 25



View of the manhole located near the south corner of the Property.

25

Photograph 26



Photo of gas connection and HVAC unit for the Jiffy Lube.

26

Photograph 27



Photo of possible
grouted soil boring
near the south
corner of the
Property.

27


Photograph 28



Photo of possible
grouted soil boring
and grouted former
monitoring well
pad on the west
side of the
Property.

28

Appendix D—Historical Research Documentation



R07402-04-14

2121 Broad River Road columbia SC 29210

Columbia, SC 29210

Inquiry Number: 4857343.296

February 20, 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

02/20/17

Site Name:

R07402-04-14
2121 Broad River Road columb
Columbia, SC 29210
EDR Inquiry # 4857343.296

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 12, 1964	USGS
1955	1"=500'	Flight Date: April 01, 1955	USDA
1951	1"=500'	Flight Date: May 24, 1951	USDA
1943	1"=500'	Flight Date: April 29, 1943	USDA
1938	1"=500'	Flight Date: April 11, 1938	USDA
1936	1"=500'	Flight Date: January 01, 1936	FirstSearch

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INQUIRY #: 4857343.296

YEAR: 2011

— = 500'





INQUIRY #: 4857343.296

YEAR: 2009

— = 500'





INQUIRY #: 4857343.296

YEAR: 2006

— = 500'





INQUIRY #: 4857343.296

YEAR: 2005

— = 500'





INQUIRY #: 4857343.296

YEAR: 1999

— = 750'





INQUIRY #: 4857343.296

YEAR: 1994

— = 500'





INQUIRY #: 4857343.296

YEAR: 1989

— = 500'





INQUIRY #: 4857343.296

YEAR: 1983

— = 500'





INQUIRY #: 4857343.296

YEAR: 1971

— = 500'





INQUIRY #: 4857343.296

YEAR: 1966

— = 500'





INQUIRY #: 4857343.296

YEAR: 1964

— = 500'





INQUIRY #: 4857343.296

YEAR: 1955

— = 500'





INQUIRY #: 4857343.296

YEAR: 1951

— = 500'





INQUIRY #: 4857343.296

YEAR: 1943

— = 500'





INQUIRY #: 4857343.296

YEAR: 1938

— = 500'





INQUIRY #: 4857343.296

YEAR: 1936

— = 500'



R07402-04-14

2121 Broad River Road
Columbia, SC 29210

Inquiry Number: 4857343.295
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

2121 Broad River Roadcolumbia SC 29210
Columbia, SC 29210

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

BROAD RIVER RD

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

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

BROAD RIVER RD 2013

1820	OCCUPANT UNKNOWN
1824	LIZARDS THICKET RESTAURANTS
1900	DAVIS SALES & MANAGEMENT NEW ENERGY
1904	OCEANVIEW SEAFOOD RESTAURANT
1927	ATLANTIC SEAFOOD RESTAURANT
1928	TACO BELL
1929	CAROLINA TITLE LOANS
1931	NICKS GYROS & PHILLYS SAMMIS DELI
1935	SANDYS FAMOUS HOT DOGS
1939	ARBYS
2001	CHURCHS CHICKEN
2005	CROWN PRINCE DENTAL LAB
2007	FLYNN SEAN DMD
2104	KFC
2114	RACETRAC RACEWAY
2116	CAROLINA TITLE LOANS COMMUNITY LOANS OF AMERICA
2121	JEFFY 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

BROAD RIVER RD 2008

1824 LIZARD THICKET
 1900 CRESCENT LENDING LLC
 DAVIS SALES & MANAGEMENT INC
 INFINITY DIABETIC & MEDICAL SUPPLY
 QUALITY CARPET & RESTORATION L
 SCVAN
 SOUTH CAROLINA VICTIM ASSISTANCE NET
 1904 CAPTAIN TOMS SEAFOOD
 1923 GBC INC
 PRECISION TUNE
 1927 MEXICAN RESTAURANT VENTURES
 TACO BELL
 1928 HOOTERS OF COLUMBIA
 ROCKING ROOSTER
 1929 PIZZA HUT INC
 1935 SANDYS FAMOUS HOT DOGS
 1939 ARBYS
 ARBYS ROAST BEEF RESTAURANT
 TREFZ & TREFZ INC
 2007 COLUMBIA DENTAL ASSOCIATES LLC
 JOSEPH MACK DDS
 2009 GROUCHOS
 2104 BARBATI ENTPS OF LOUISVILLE
 KENTUCKY FRIED CHICKEN
 2114 PARC 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

BROAD RIVER RD 2003

1820	MARK SHEALY
1824	LIZARDS THICKET RESTAURANTS
1900	BOBBY HUDSON
	CAROLINA CONSULTING LAB
	DAVIS SALES & MANAGEMENT INC
	KENNETH DENNIS
	MIDLAND BUILDING SYSTEMS
	SOUTH CAROLINA VICTIM ASSTNC
	TRANSPORT TRAINING
	TRI K ENTERTAINMENT SERVICES
	US SECURITY INC
1904	CAPTAIN TOMS INC
	OCCUPANT UNKNOWN
1923	PRECISION TUNE
1927	TACO BELL
1928	HOOTERS OF COLUMBIA
	OCCUPANT UNKNOWN
1931	OCCUPANT UNKNOWN
	TACO CID
2005	OCCUPANT UNKNOWN
2007	MACK JOSEPH S JR DR
	OCCUPANT UNKNOWN
2009	OCCUPANT UNKNOWN
2104	KFC
2114	RACEWAY 978
2116	CAROLINA TITLE LOANS
2121	JIFFY LUBE
2123	COLUMBIA DENTURE CTR
2219	MONTERREY MEXICAN RESTAURANT
	OCCUPANT UNKNOWN
2220	KENTS KORNER 21
2224	STEVEN WARE
	WARE HOUSE OF CARS INC
	WAREHOUSE OF CARS
2300	INTERTEC DATA SYSTEMS CORP
2340	HOMEGOLD FINANCIAL INC
	JORGE LEON
2341	ANTHONY CORLEY ENTERPRISES LLC
	CHAMPION AUTOMOTIVE SRVC CNTR
	OCCUPANT UNKNOWN
2344	OCCUPANT UNKNOWN
	URSCHELS TAX SERVICE
2350	FIRST CITIZENS BANK & TRUST CO
	OCCUPANT UNKNOWN
2351	WAFFLE HOUSE INC
2353	DIXIE UPHOLSTERY CO
	NEVIN BROOMES CARPET SPRSTR
	OCCUPANT UNKNOWN
2420	NORTH AMERICAN TITLE LOANS
	OCCUPANT UNKNOWN

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

2423	BOJANGLES FAMOUS CHCKN BSCT
2425	BROAD RIVER MOTORS
2426	CASH ADVANCE
	EVERETT BROCKINGTON
	WIRELESS SERVICES OF AMERICA
2428	OCCUPANT UNKNOWN

BROAD RIVER RD 1999

1812 OCCUPANT UNKNOWN
 1820 LYNN SHEALY
 1824 LIZARDS THICKET RESTAURANTS
 1900 ALTERNATIVE HAIR CLINIC AHC
 CAROLINA CONSULTING LABORATORIES
 DENNIS KENNETH W RC
 HUDSON SALES COMPANY
 KENNETH DENNIS
 OLIVETTI NORTH AMERICA
 PALACE PERSONNEL SERVICES INCORPORATED
 SCOTT BEARD
 SOUTH CAROLINA VICTIM ASSISTANCE NETWORK
 1904 CAPTAIN TOMS SEAFOOD
 1923 PRECISION TUNE
 1927 TACO BELL
 1928 HOOTERS OF COLUMBIA
 1929 PIZZA HUT
 1931 TACO CID
 1935 SANDYS FAMOUS HOT DOGS
 1939 ARBYS ROAST BEEF RESTAURANT
 2001 CHURCHS CHICKEN
 2005 CROWN PRINCE DENTAL LABORATORY
 2007 MACK FRANKLIN
 MAJOR THOMAS M DMD
 2009 MATTRESS CITY 2000
 2104 KENTUCKY FRIED CHICKEN
 KFC
 2114 RACETRAC SERVICE STATION
 2116 CAROLINA TITLE LOANS
 2121 Q LUBE
 2123 COLUMBIA DENTURE CENTER
 2219 MONTERREY MEXICAN RESTAURANT
 2340 APAC TELESERVICES INCORPORATED
 2341 GUARDIAN TIRE & SERVICE
 2344 APPLEBEES NEIGHBORHOOD GRILL & BAR
 2350 FIRST CITIZENS BANK
 2351 WAFFLE HOUSE INCORPORATED
 2353 MCKAYS INSULATION SERVICE
 NEVIN BROOMES CARPET SUPERSTORE
 2355 ST ANDREWS ATHLETIC/AEROBICS & FITNESS
 2419 BLOCKBUSTER VIDEO
 2420 B & B DIAMOND JEWELERS
 2423 BOJANGLES FAMOUS CHICKEN N BISCUITS
 BOLANGLES FAMOUS CHICKEN N BISCUITS
 2426 BROAD RIVER COLLECTIBLES
 QUICK CASH CHECK CASHING INCORPORATED
 2428 AAMCO TRANSMISSIONS

BROAD RIVER RD 1995

1820	SHEALY, LYNN W
1824	LIZARDS THICKET RESTAURANTS
1900	3 R INC
	ACCUCOUNT SERVICES INC
	ASSOCIATED THERAPY & COUNSELING SVCS
	BRENNAN MARY DR PHD
	BRENNAN, MARY
	CAROLINA NEUROMUSCULAR & ASSOC
	CITIZENS ADVOCATING DECENCY
	COLUMBIA POST ABORTION MNSTRY
	DAVIS CO
	DIAL, MICHAEL B
	DICK BOYLE
	HUDSON SALES CO
	INDEPENDENT CLAIMS SVC
	MANGUM INSURANCE CO
	MAURICES
	MC INTYRE & CO
	PALACE PERSONNEL SVC
	PERSONAL PENSION PLANS
	PRINCE, PAUL M
	SOUTHEASTERN APPAREL MFR ASSN
	SPECIALIZED ALTERNATIVES YOUTH
	WALDROP MURDOCK ADVERTISING
1904	CAPTAIN TOMS SEAFOOD
1923	PRECISION TUNE
1927	TACO BELL
1928	HOOTERS RESTAURANT
	TAYLOR, TROY A
1929	PIZZA HUT
1931	TACO CID
1935	CHAPPYS RESTAURANT
1939	ARBYS
2001	CHURCHS FRIED CHICKEN
2005	CROWN PRINCE DENTAL LAB
2007	JOSEPH S MACK JR DDS
2009	MATTRESS & WATERBED DISCOUNTER
2104	KFC CORP
2114	RACETRAC SERVICE STA
2116	AUTO CONSULTANTS
	U HAUL CO
	U-HAUL CO INDEPENDENT DEALER
2121	MC QUIKS OILUBE
2219	MONTERREY MEXICAN RESTAURANT
2220	BROAD RIVER EXXON
2340	HOME QUARTERS WAREHOUSE
2341	GUARDIAN TIRE & SVC
2344	APPLEBEES NEIGHBORHOOD GRILL
2350	FIRST CITIZENS BANK & TRUST CO
2351	WAFFLE HOUSE

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

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

BROAD RIVER RD 1992

1812	CARMEL CONTRACTORS
1820	SHEALY, LYNN W
1824	LIZARD'S THICKET RESTAURANT
1900	A CREATIVE RESUME SERVICE
	ACCUCOUNT SVCS INC
	ADVANCED COMPUTER SYSTEMS
	CADRE
	CITIZENS ADVOCATING DECENCY & THE
	COLLATERAL ADJUSTMENT
	D & B ENTERPRISES
	DASHOW GROUP EDUCNTL ASSISTANCE
	HUDSON SALES CO
	INPHOTO
	INSTITUTION FOOD HSE
	J THOMAS & COMPANY
	MAURICE'S INC
	METROPOLITAN MARKETING GROUP
	PRINCE PAUL M RL EST
	PRINCE W B CO RL EST
	RAINBOW AUTHORIZED DISTRIBUTORS
	RAINBOW SYSTEMS
	S C NEEDLE TRADES ASSOCIATION
	STOP SMOKING CNTR
	STRONG BOB & ASSOCS INCORPORATED
1923	PRECISION TUNE
1927	TACO BELL
1928	HOOTER'S RESTAURANT
1929	PIZZA HUT
1931	TACO CID
1935	CEDRIC'S FISH & CHIPS
	CHAPPY'S FISH & CHIPS
1939	ARBY'S ROAST BEEF RESTAURANT
2001	CHURCH'S FRIED CHICKEN INC
2005	PROFESSIONAL CARPET SYSTEMS
2007	MACK JOS S JR DR DNST
	MAJOR THOMAS M DMD
2009	MATTRESS & WATERBED DISCOUNTERS
2104	PIZZA INN DUTCH SQ
2114	RACETRAC SVC STATION
2121	MCQUIK'S OILUBE
2219	MONTERREY MEXICAN RESTAURANT
2220	BROAD RIVER EXXON
2224	PORT OIL INC #88
	PORT OIL INC NO 288
2300	HERMAN'S WORLD OF SPORTING GOODS
2340	H Q
	HOME QUARTERS WAREHSE
	PHAR-MOR PHARMACY
	PHAR-MOR STORE
2341	GUARDIAN TIRE & SVC

BROAD RIVER RD

1992

(Cont'd)

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 TRANSMSNS

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

57

BROAD RIVER RD 1978

BROAD RIVER RD—Contd

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

BROAD RIVER RD 1973

48

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

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



R07402-04-14

2121 Broad River Road columbia SC 29210

Columbia, SC 29210

Inquiry Number: 4857343.292

February 17, 2017

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

02/17/17

Site Name:

R07402-04-14
1212 Broad River Road columk
Columbia, SC 29210
EDR Inquiry # 4857343.292

Client Name:

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



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Certification # C932-46E9-A75D
PO # G5662.000
Project G5662.000

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: C932-46E9-A75D

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- ☒ Library of Congress
- ☒ University Publications of America
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R07402-04-14

2121 Broad River Road columbia SC 29210

Columbia, SC 29210

Inquiry Number: 4857343.294

February 17, 2017

EDR Historical Topo Map Report

with QuadMatch™



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Shelton, CT 06484
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EDR Historical Topo Map Report

02/17/17

Site Name:

R07402-04-14
2121 Broad River Road columb
Columbia, SC 29210
EDR Inquiry # 4857343.294

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:	34.037772 34° 2' 16" North
Project:	G5662.000	Longitude:	-81.092144 -81° 5' 32" West
		UTM Zone:	Zone 17 North
		UTM X Meters:	491494.47
		UTM Y Meters:	3766347.90
		Elevation:	0.00' above sea level

Maps Provided:

2014
1997
1990
1983
1972
1948
1947
1904

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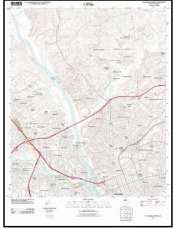
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Topo Sheet Key

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

2014 Source Sheets



Columbia North
2014
7.5-minute, 24000

1997 Source Sheets



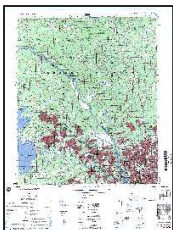
Columbia North
1997
7.5-minute, 24000
Aerial Photo Revised 1988

1990 Source Sheets



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

1983 Source Sheets



IRMO
1983
15-minute, 50000

Topo Sheet Key

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

1972 Source Sheets



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

1948 Source Sheets



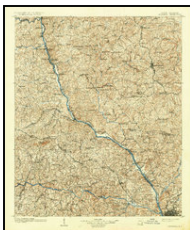
Columbia North
1948
7.5-minute, 24000

1947 Source Sheets

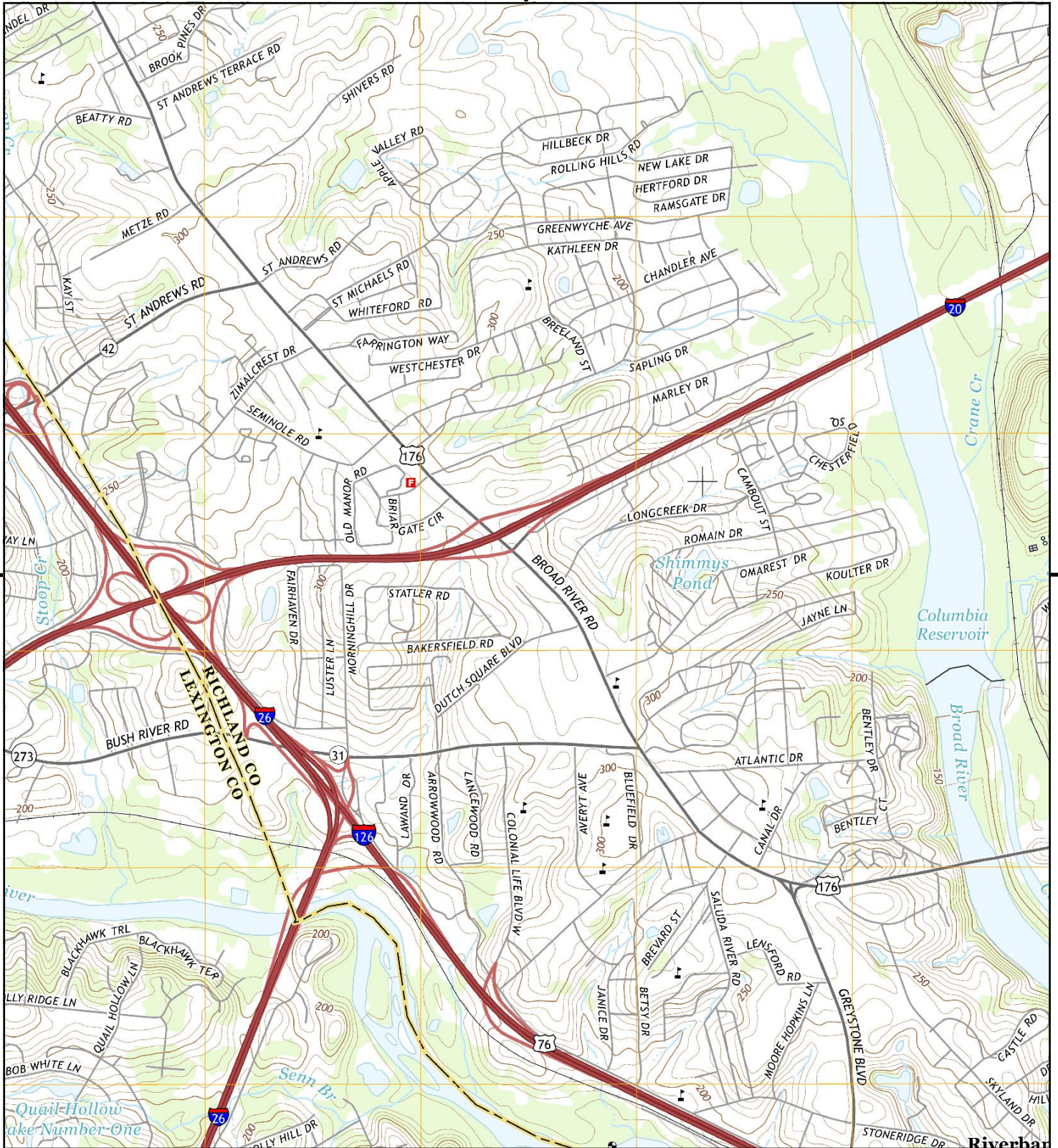


Columbia North
1947
7.5-minute, 24000

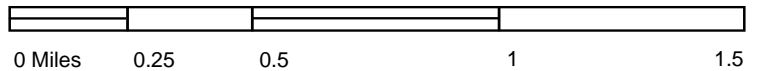
1904 Source Sheets



Columbia
1904
30-minute, 125000



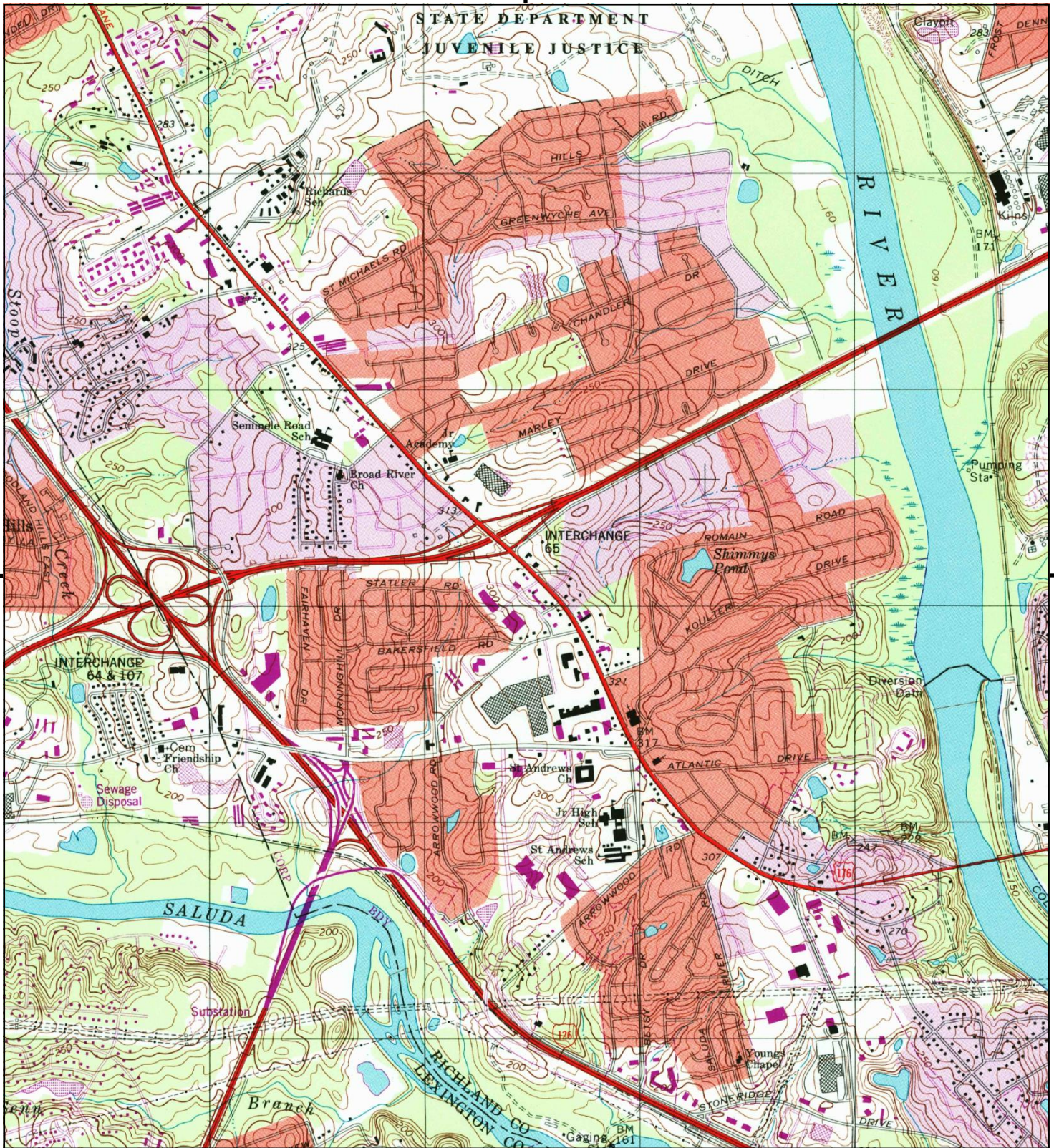
This report includes information from the following map sheet(s).



TP, Columbia North, 2014, 7.5-minute

SITE NAME: R07402-04-14
 ADDRESS: 2121 Broad River Road Columbia SC 292
 Columbia, SC 29210
 CLIENT: F&ME Consultants





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



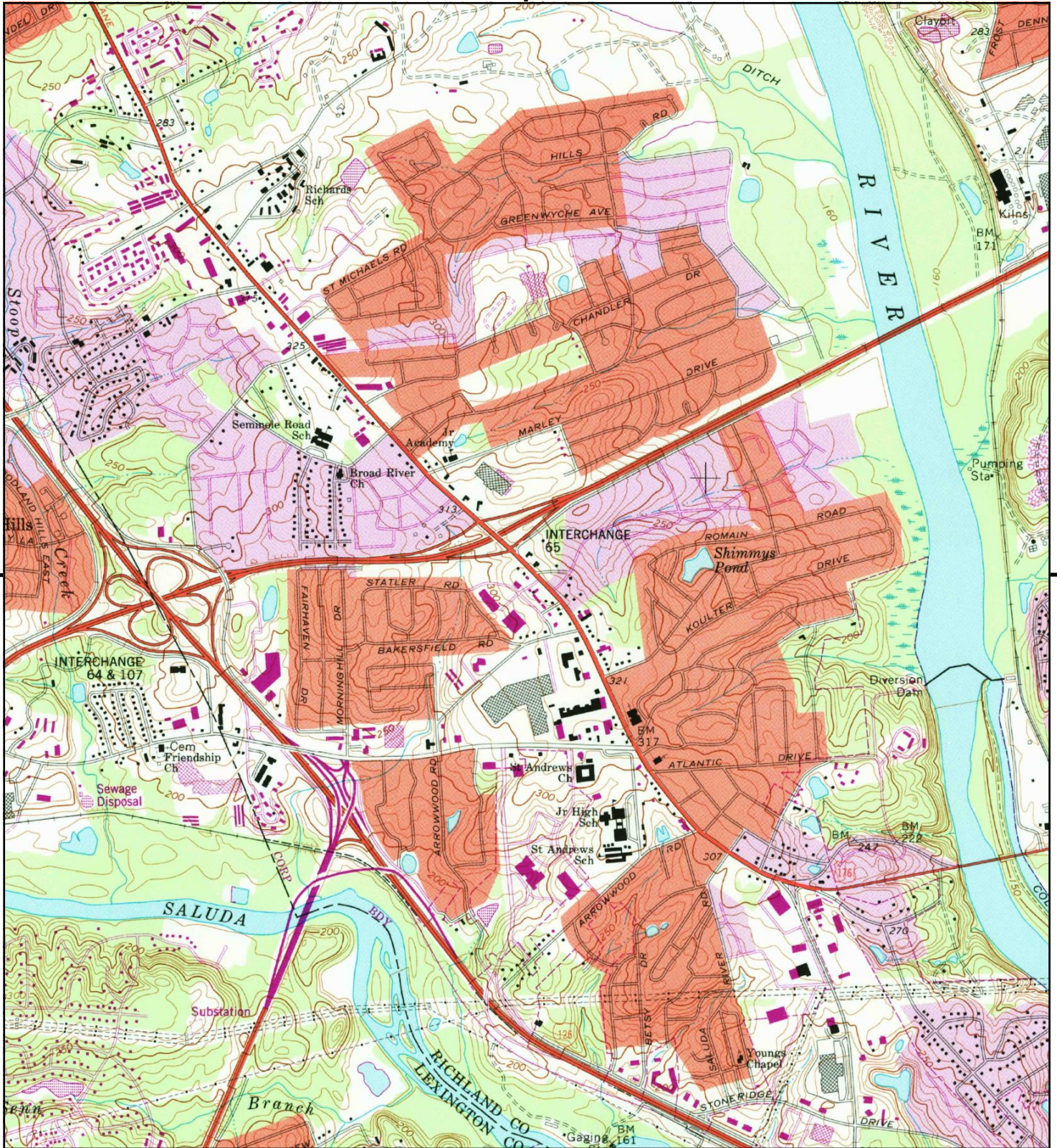
TP, Columbia North, 1997, 7.5-minute

SITE NAME: R07402-04-14

ADDRESS: 2121 Broad River Road Columbia SC 292
Columbia, SC 29210

CLIENT: F&ME Consultants





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



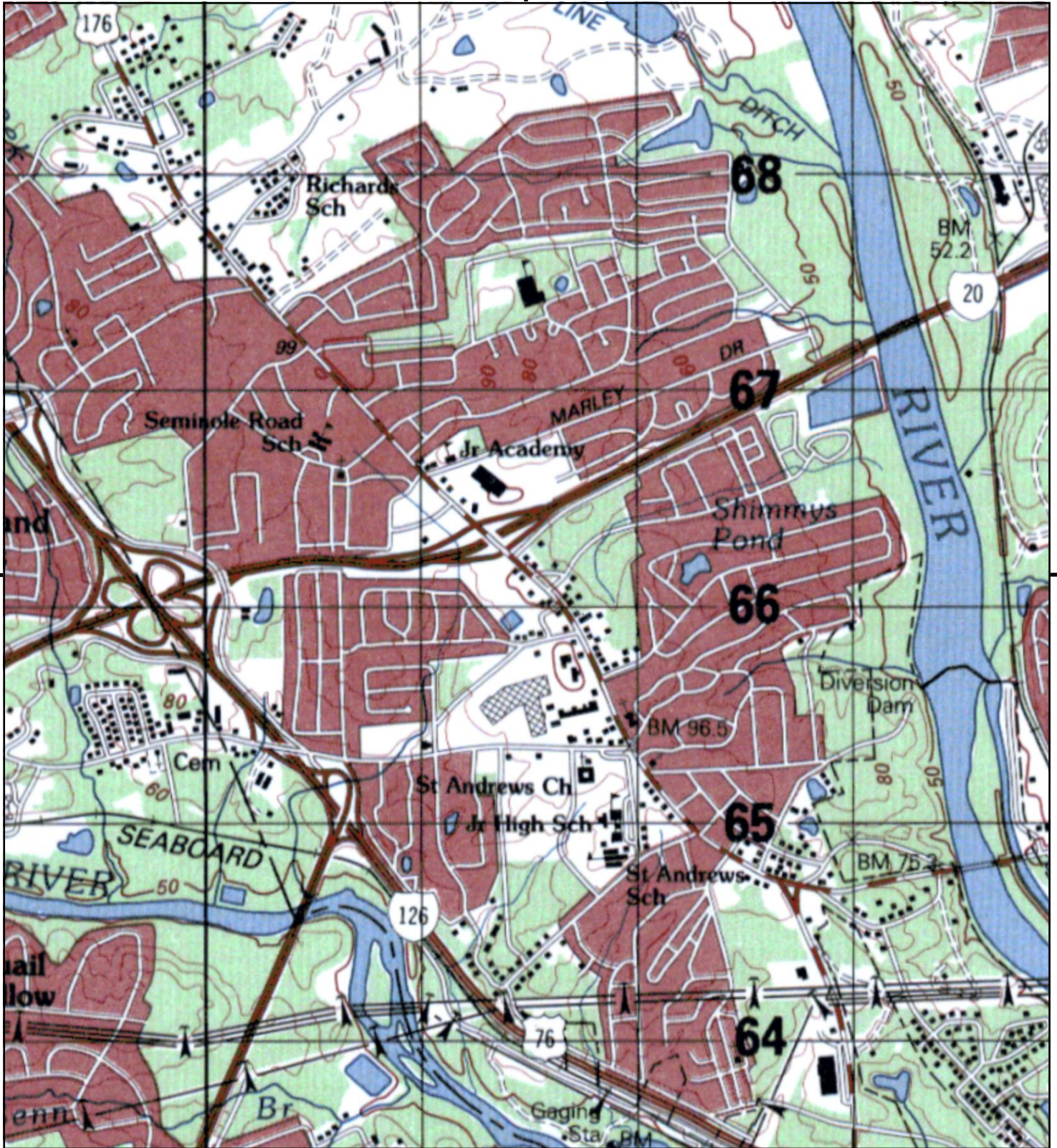
TP, Columbia North, 1990, 7.5-minute

SITE NAME: R07402-04-14

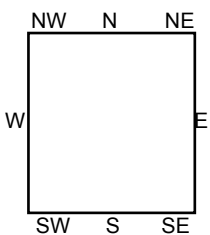
ADDRESS: 2121 Broad River Road Columbia SC 292
Columbia, SC 29210

CLIENT: F&ME Consultants





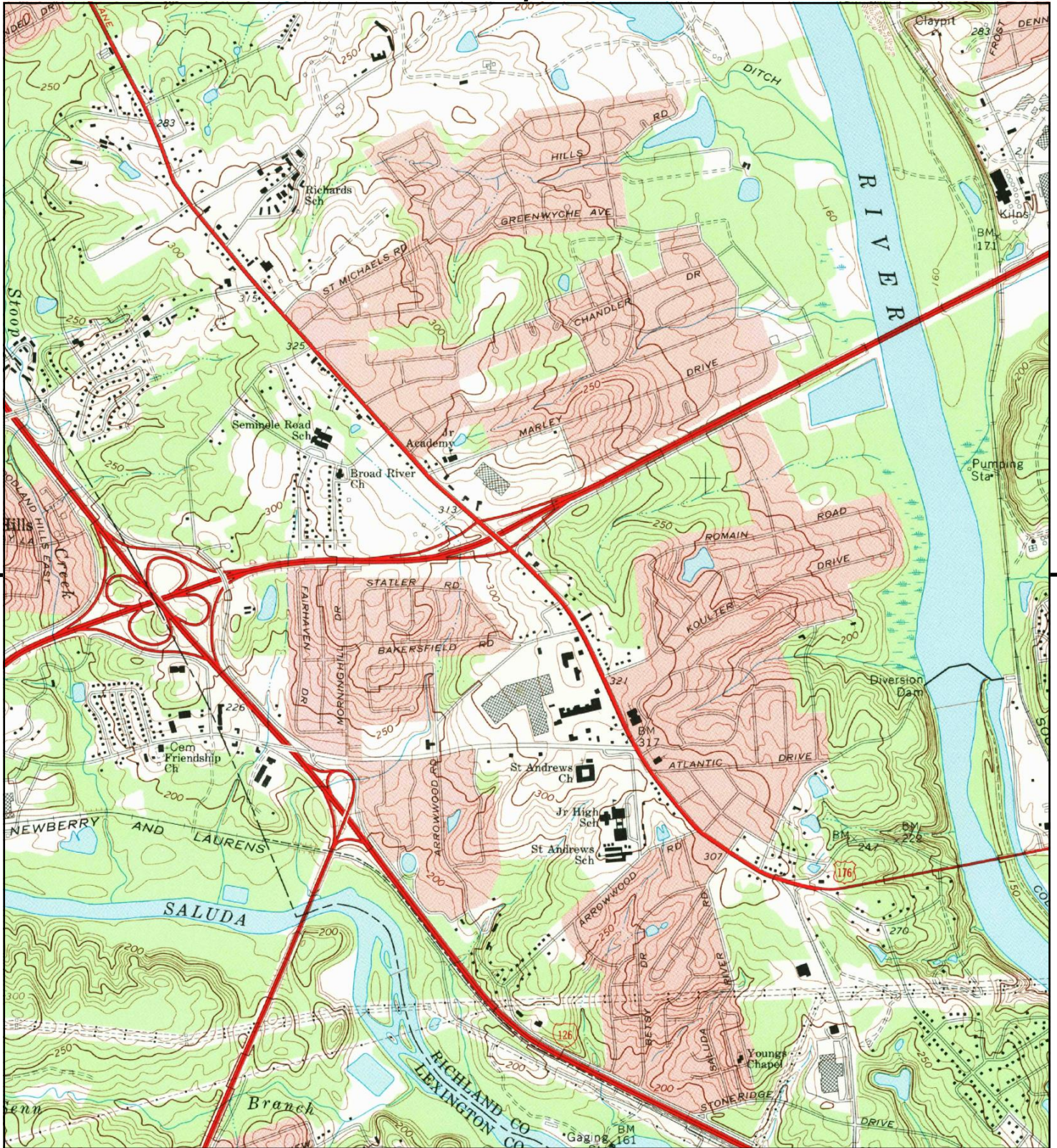
This report includes information from the following map sheet(s).



TP, IRMO, 1983, 15-minute

SITE NAME: R07402-04-14
 ADDRESS: 2121 Broad River Road Columbia SC 292
 Columbia, SC 29210
 CLIENT: F&ME Consultants





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



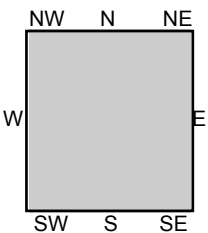
TP, Columbia North, 1972, 7.5-minute

SITE NAME: R07402-04-14
 ADDRESS: 2121 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: R07402-04-14
ADDRESS: 2121 Broad River Road Columbia SC 292
Columbia, SC 29210
CLIENT: F&ME Consultants





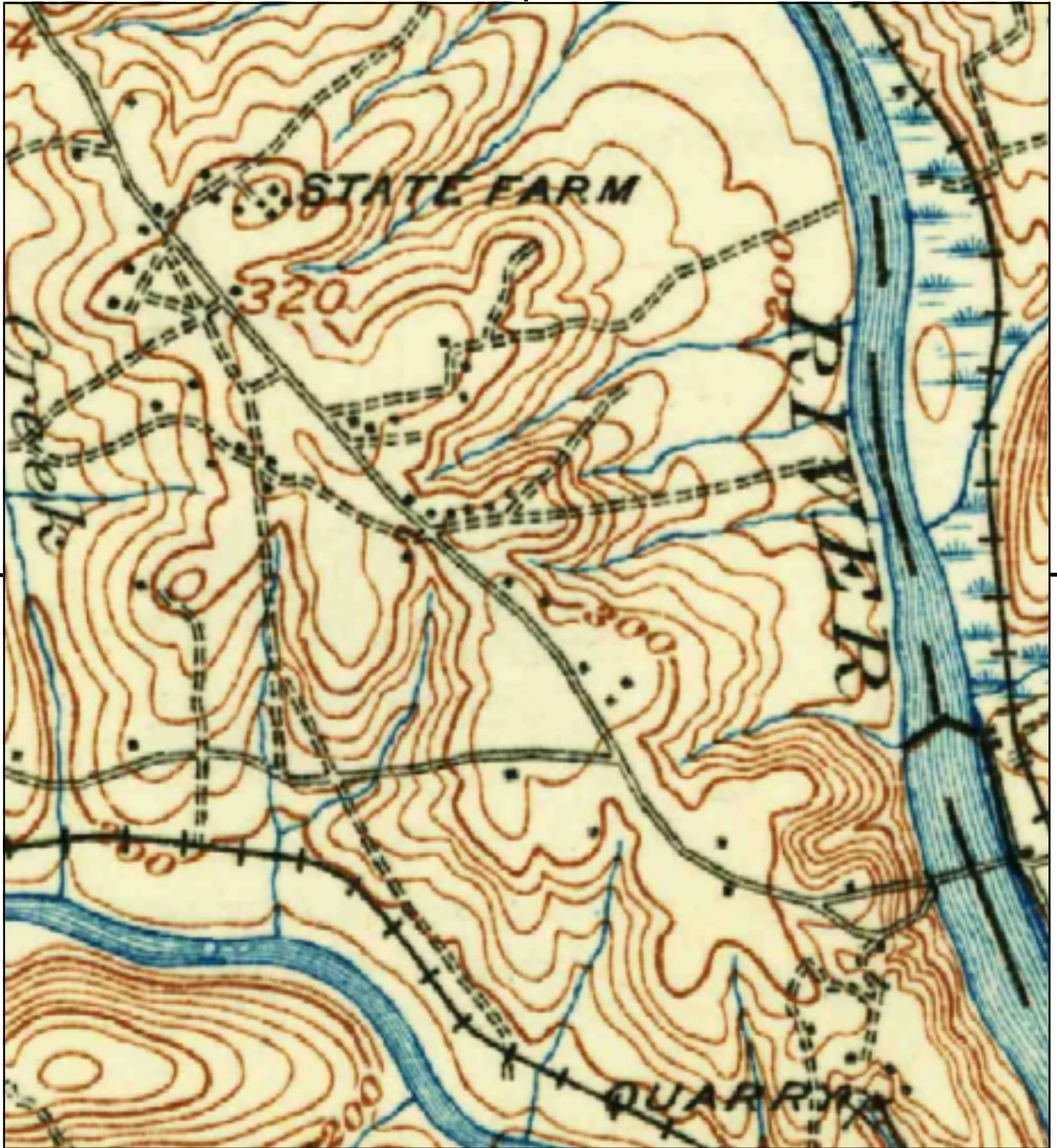
This report includes information from the following map sheet(s).



TP, Columbia North, 1947, 7.5-minute

SITE NAME: R07402-04-14
ADDRESS: 2121 Broad River Road Columbia SC 292
Columbia, SC 29210
CLIENT: F&ME Consultants





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



TP, Columbia, 1904, 30-minute

SITE NAME: R07402-04-14
 ADDRESS: 2121 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.

R07402-04-14

2121 Broad River Roadcolumbia SC 29210
Columbia, SC 29210

Inquiry Number: 4857343.293s
February 17, 2017

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	54
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-9
Physical Setting Source Map Findings	A-11
Physical Setting Source Records Searched	PSGR-1

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

2121 BROAD RIVER ROAD
COLUMBIA, SC 29210

COORDINATES

Latitude (North):	34.0377720 - 34° 2' 15.97"
Longitude (West):	81.0921440 - 81° 5' 31.71"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	491494.3
UTM Y (Meters):	3766153.2
Elevation:	332 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:
2121 BROAD RIVER ROAD COLUMBIA SC 29210
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	MCQUIKS OILUBE	2121 BROAD RIVER RD	LUST, UST, RCR, GWCI		TP
A2	MCQUIK'S #9660	2121 BROAD RIVERS RO	RCRA NonGen / NLR		TP
A3	MCQUIKS OILUBE	2121 BROAD RIVER RD	RGA LUST		TP
A4	TRANSFORMER	2121 BROAD RIVER RD	SPILLS		TP
A5	MCQUIKS #9660	2121 BROAD RIVER ROA	FINDS, ECHO		TP
A6	MCQUIK'S OILUBE	2121 BROAD RIVER RD	RGA LUST		TP
A7		2121 BROAD RIVER RD	EDR Hist Auto		TP
A8	USS AGRI-CHEMICALS	BROADRIVER RD,PO BOX	RCRA NonGen / NLR	Higher	128, 0.024, ESE
B9	GULF SERVICE STATION	2123 BROAD RIVER RD	LUST, UST, GWCI	Lower	161, 0.030, WNW
C10	RACETRAC 978	2114 BROAD RIVER RD	LUST, UST, Financial Assurance, GWCI	Lower	251, 0.048, North
C11		2114 BROAD RIVER RD	EDR Hist Auto	Lower	251, 0.048, North
B12	GULF SERVICE STATION	2123 BROAD RIVER RD	UST	Lower	269, 0.051, WNW
C13	SHEPPERDS TEXACO STA	2116 BROAD RIVER RD	LUST, UST	Lower	332, 0.063, North
14	TEXACO SERVICE	BROAD RIVER & I 20	UST	Lower	712, 0.135, NW
15	SHERWIN WILLIAMS COM	1221 BAKERSFIELD RD	RCRA NonGen / NLR, FINDS, ECHO	Lower	893, 0.169, South
16	SHARPES FORMAL WEAR	RT 1 BOX 499G	RCRA-CESQG	Lower	963, 0.182, South
17	FORMER USA SERVICE S	DUTCH SQUARE MALL	RCR, FINDS	Lower	1134, 0.215, SSE
D18	R A S 45015	2220 BROAD RIVER RD	UST	Lower	1256, 0.238, NW
D19	EXXON LOCATION 4 501	2220 BROAD RIVER ROA	RCRA-CESQG, FINDS, ECHO	Lower	1256, 0.238, NW
D20	CIRCLE K 3105	2220 BROAD RIVER RD	LUST, UST, RCR, Financial Assurance, GWCI	Lower	1256, 0.238, NW
21	FRASIER TIRE SERVICE	828 DUTCH SQUARE BLV	LUST, UST	Lower	1269, 0.240, SSW
22	PEP BOY 134	1804 BROAD RIVER RD	LUST, UST	Lower	1325, 0.251, SE
23	PORT UNIT 288	2224 BROAD RIVER RD	LUST, UST, GWCI, UIC	Lower	1485, 0.281, NW
24	YOKAHAMA TIRE	2341 BROAD RIVER RD	LUST, UST	Lower	1744, 0.330, NW
E25	PALMETTO FINE CLEANE	1718 BROAD RIVER RD	SHWS, DRYCLEANERS	Lower	1766, 0.334, SE
E26	SPEEDWAY 2842	1714 BROAD RIVER RD	LUST, UST, Financial Assurance, GWCI, NPDES, UIC	Lower	1845, 0.349, SE
27	PENSKE AUTO CENTER K	99 N ARROWOOD RD	LUST, UST	Lower	1973, 0.374, SW
28	SUBURBAN LODGE (FORM	1633 BROAD RIVER RD	SHWS	Lower	2002, 0.379, SSE
29	COLUMBIA FIRE DEPT S	1225 BRIARGATE CIR	LUST, UST, RCR, GWCI	Lower	2234, 0.423, NW
30	ACE 272	1203 BUSH RIVER RD	LUST, UST, RCR, Financial Assurance, GWCI, UIC	Lower	2394, 0.453, SSE
F31	BRITE CLEANERS	422 BUSH RIVER RD UN	SHWS, VCP, BROWNFIELDS, DRYCLEANERS	Lower	2785, 0.527, South
F32	BRITE CLEANERS	422 BUSH RIVER RD/14	SHWS, DRYCLEANERS	Lower	2785, 0.527, South
33	TRIPP'S FINE CLEANER	1339 BROAD RIVER RD	SHWS, DRYCLEANERS	Lower	3671, 0.695, SSE

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
MCQUIKS OILUBE 2121 BROAD RIVER RD COLUMBIA, SC	LUST No Action Required: 11/05/2013 Substance: PETRO Facility Id: 10130 UST Facility Id: 10130 Status: Abandoned RCR GWCI Solid Waste Permit #: 10130	N/A
MCQUIK'S #9660 2121 BROAD RIVERS RO COLUMBIA, SC 29210	RCRA NonGen / NLR EPA ID:: SCD987577814	SCD987577814
MCQUIKS OILUBE 2121 BROAD RIVER RD COLUMBIA, SC	RGA LUST	N/A
TRANSFORMER 2121 BROAD RIVER RD COLUMBIA, SC	SPILLS Incident Name: 200000159 Incident ID number: 184980	N/A
MCQUIKS #9660 2121 BROAD RIVER ROA COLUMBIA, SC 29210	FINDS Registry ID:: 110004940985 ECHO	N/A
MCQUIK'S OILUBE 2121 BROAD RIVER RD COLUMBIA, SC	RGA LUST	N/A
2121 BROAD RIVER RD 2121 BROAD RIVER RD COLUMBIA, SC 29210	EDR Hist Auto	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 90..... SPILLS 90 data from FirstSearch

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

EXECUTIVE SUMMARY

Other Ascertainable Records

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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner.....	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

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>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SHARPES FORMAL WEAR	RT 1 BOX 499G	S 1/8 - 1/4 (0.182 mi.)	16	29
<i>EXXON LOCATION 4 501</i>	<i>2220 BROAD RIVER ROA</i>	<i>NW 1/8 - 1/4 (0.238 mi.)</i>	<i>D19</i>	<i>31</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 5 SHWS sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>PALMETTO FINE CLEANER</i> EPA ID: SCDRY0053089	<i>1718 BROAD RIVER RD</i>	<i>SE 1/4 - 1/2 (0.334 mi.)</i>	<i>E25</i>	<i>41</i>
SUBURBAN LODGE (FORM EPA ID: SCS123457099	1633 BROAD RIVER RD	SSE 1/4 - 1/2 (0.379 mi.)	28	46
<i>BRITE CLEANERS</i>	<i>422 BUSH RIVER RD UN</i>	<i>S 1/2 - 1 (0.527 mi.)</i>	<i>F31</i>	<i>51</i>

EXECUTIVE SUMMARY

EPA ID: SCS123457021

BRITE CLEANERS	422 BUSH RIVER RD/14	S 1/2 - 1 (0.527 mi.)	F32	52
EPA ID: SCDRY0057314				

TRIPP'S FINE CLEANER	1339 BROAD RIVER RD	SSE 1/2 - 1 (0.695 mi.)	33	52
EPA ID: SCDRY0051271				

State and tribal leaking storage tank lists

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

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GULF SERVICE STATION Substance: PETROL Facility Id: 07342	2123 BROAD RIVER RD	WNW 0 - 1/8 (0.030 mi.)	B9	16
RACETRAC 978 No Action Required: 10/05/2010 Substance: PETROL Facility Id: 07910	2114 BROAD RIVER RD	N 0 - 1/8 (0.048 mi.)	C10	19
SHEPPERDS TEXACO STA No Action Required: 01/13/2014 Substance: PETROL Facility Id: 07605	2116 BROAD RIVER RD	N 0 - 1/8 (0.063 mi.)	C13	23
CIRCLE K 3105 No Action Required: 10/28/1998 Substance: PETRO Facility Id: 07648	2220 BROAD RIVER RD	NW 1/8 - 1/4 (0.238 mi.)	D20	33
FRASIER TIRE SERVICE No Action Required: 04/06/1995 Substance: PETRO Facility Id: 14101	828 DUTCH SQUARE BLV	SSW 1/8 - 1/4 (0.240 mi.)	21	36
PEP BOY 134 No Action Required: 01/22/1999 Substance: PETRO Facility Id: 18230	1804 BROAD RIVER RD	SE 1/4 - 1/2 (0.251 mi.)	22	37
PORT UNIT 288 Substance: PETROL Facility Id: 07758	2224 BROAD RIVER RD	NW 1/4 - 1/2 (0.281 mi.)	23	38
YOKAHAMA TIRE No Action Required: 03/31/2000 Substance: PETRO Facility Id: 18544	2341 BROAD RIVER RD	NW 1/4 - 1/2 (0.330 mi.)	24	40
SPEEDWAY 2842 Substance: PETRO	1714 BROAD RIVER RD	SE 1/4 - 1/2 (0.349 mi.)	E26	42

EXECUTIVE SUMMARY

Facility Id: 07633				
PENSKE AUTO CENTER K	99 N ARROWOOD RD	SW 1/4 - 1/2 (0.374 mi.)	27	45
No Action Required: 05/10/1999				
Substance: PETRO				
Facility Id: 07780				
COLUMBIA FIRE DEPT S	1225 BRIARGATE CIR	NW 1/4 - 1/2 (0.423 mi.)	29	46
No Action Required: 09/28/2006				
Substance: PETRO				
Facility Id: 07326				
ACE 272	1203 BUSH RIVER RD	SSE 1/4 - 1/2 (0.453 mi.)	30	48
No Action Required: 10/21/2014				
Substance: PETRO				
Facility Id: 10618				

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.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GULF SERVICE STATION	2123 BROAD RIVER RD	WNW 0 - 1/8 (0.030 mi.)	B9	16
Facility Id: 07342				
Status: Abandoned				
RACETRAC 978	2114 BROAD RIVER RD	N 0 - 1/8 (0.048 mi.)	C10	19
Facility Id: 07910				
Status: Abandoned				
Status: Extended Out-of-Use				
GULF SERVICE STATION	2123 BROAD RIVER RD	WNW 0 - 1/8 (0.051 mi.)	B12	23
Facility Id: 11060				
SHEPPERDS TEXACO STA	2116 BROAD RIVER RD	N 0 - 1/8 (0.063 mi.)	C13	23
Facility Id: 07605				
Status: ABD				
TEXACO SERVICE	BROAD RIVER & I 20	NW 1/8 - 1/4 (0.135 mi.)	14	25
Facility Id: 07628				
Status: ABD				
R A S 45015	2220 BROAD RIVER RD	NW 1/8 - 1/4 (0.238 mi.)	D18	31
Facility Id: 11892				
CIRCLE K 3105	2220 BROAD RIVER RD	NW 1/8 - 1/4 (0.238 mi.)	D20	33
Facility Id: 07648				
Status: Abandoned				
Status: Currently in Use				
FRASIER TIRE SERVICE	828 DUTCH SQUARE BLV	SSW 1/8 - 1/4 (0.240 mi.)	21	36
Facility Id: 14101				
Status: ABD				

EXECUTIVE SUMMARY

State and tribal institutional control / engineering control registries

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

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER USA SERVICE S	DUTCH SQUARE MALL	SSE 1/8 - 1/4 (0.215 mi.)	17	30
CIRCLE K 3105	2220 BROAD RIVER RD	NW 1/8 - 1/4 (0.238 mi.)	D20	33
COLUMBIA FIRE DEPT S	1225 BRIARGATE CIR	NW 1/4 - 1/2 (0.423 mi.)	29	46
ACE 272	1203 BUSH RIVER RD	SSE 1/4 - 1/2 (0.453 mi.)	30	48

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/12/2016 has revealed that there are 2 RCRA NonGen / NLR 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>
USS AGRI-CHEMICALS	BROADRIVER RD,PO BOX	ESE 0 - 1/8 (0.024 mi.)	A8	15
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SHERWIN WILLIAMS COM	1221 BAKERSFIELD RD	S 1/8 - 1/4 (0.169 mi.)	15	26

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 7 GWCI sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GULF SERVICE STATION Solid Waste Permit #: 07342	2123 BROAD RIVER RD	WNW 0 - 1/8 (0.030 mi.)	B9	16
RACETRAC 978 Solid Waste Permit #: 07910	2114 BROAD RIVER RD	N 0 - 1/8 (0.048 mi.)	C10	19
CIRCLE K 3105	2220 BROAD RIVER RD	NW 1/8 - 1/4 (0.238 mi.)	D20	33

EXECUTIVE SUMMARY

Solid Waste Permit #: 07648				
PORT UNIT 288	2224 BROAD RIVER RD	NW 1/4 - 1/2 (0.281 mi.)	23	38
Solid Waste Permit #: 07758				
SPEEDWAY 2842	1714 BROAD RIVER RD	SE 1/4 - 1/2 (0.349 mi.)	E26	42
Solid Waste Permit #: 07633				
COLUMBIA FIRE DEPT S	1225 BRIARGATE CIR	NW 1/4 - 1/2 (0.423 mi.)	29	46
Solid Waste Permit #: 07326				
ACE 272	1203 BUSH RIVER RD	SSE 1/4 - 1/2 (0.453 mi.)	30	48
Solid Waste Permit #: 10618				

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	2114 BROAD RIVER RD	N 0 - 1/8 (0.048 mi.)	C11	22

EXECUTIVE SUMMARY

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

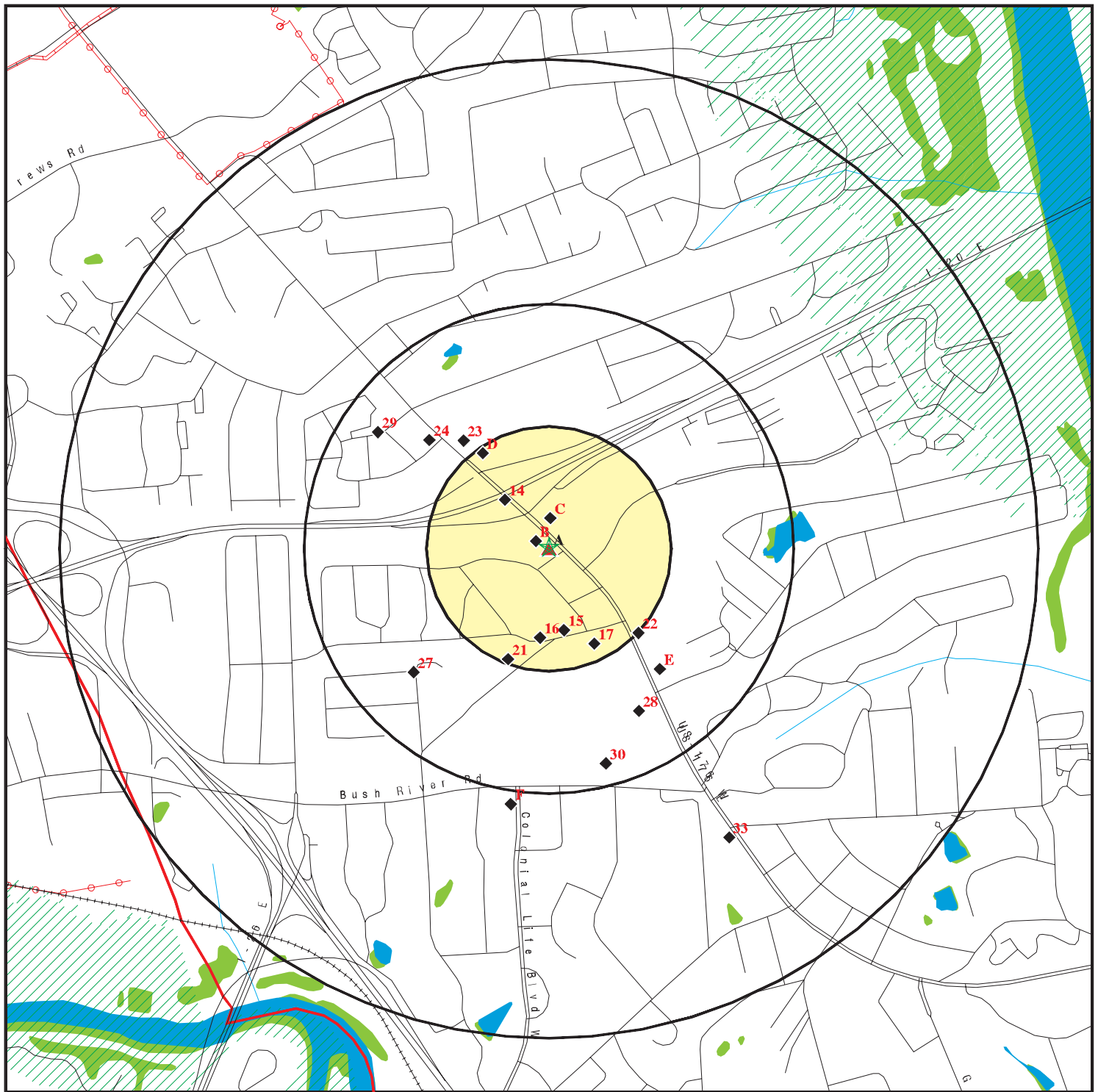
Site Name

FMR ED ROBINSON LAUNDRY & DRY CLEA
DORIS DERRICK PROPERTY
FORMER USA SERVICE STATION

Database(s)

DRYCLEANERS
LUST, UST
LUST, UST, GWCI

OVERVIEW MAP - 4857343.293S



★ 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

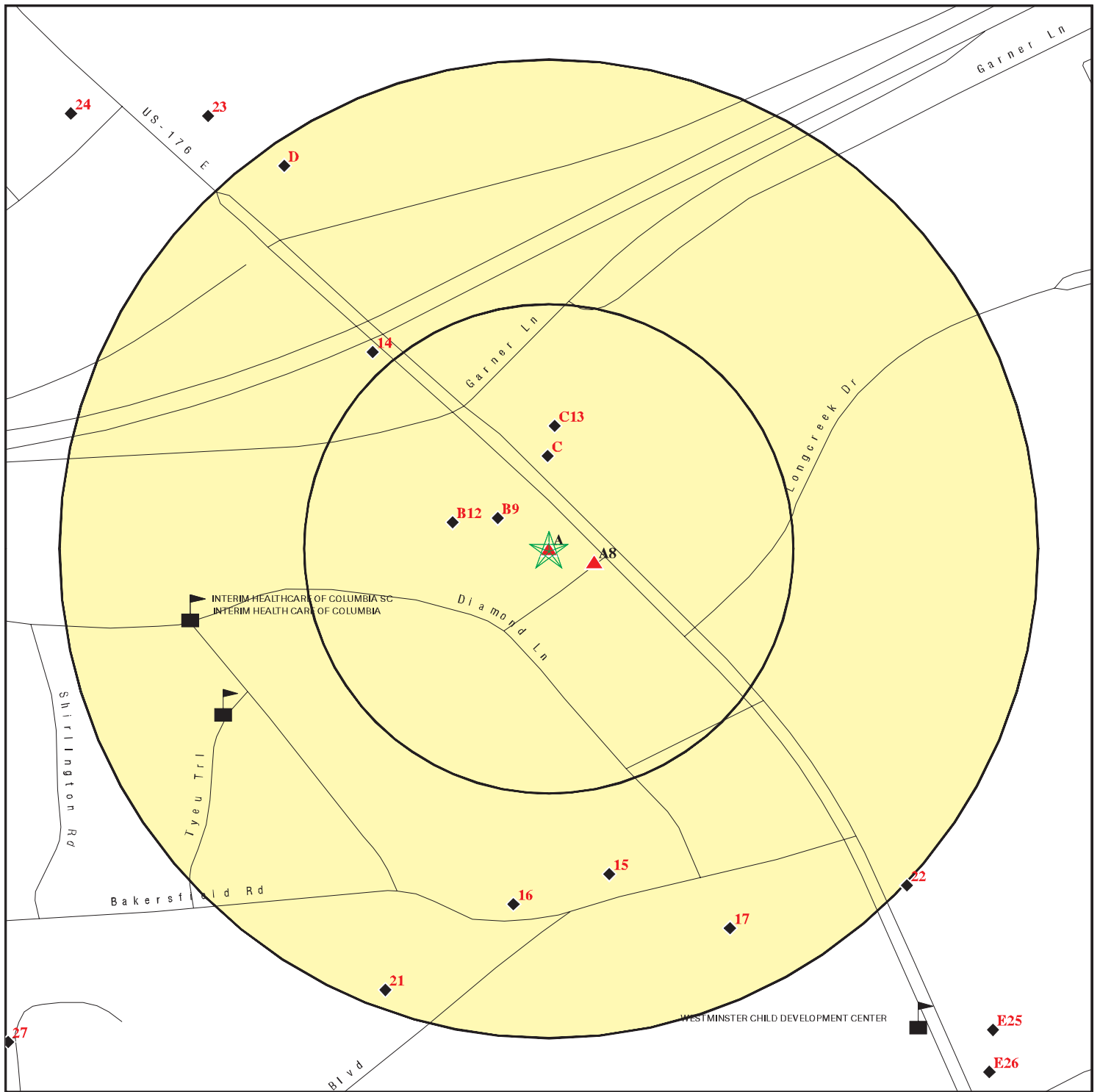
■ State Wetlands

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

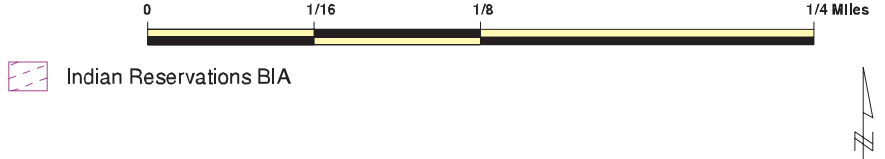
SITE NAME: R07402-04-14
ADDRESS: 2121 Broad River Road Columbia SC 29210
Columbia SC 29210
LAT/LONG: 34.037772 / 81.092144

CLIENT: F&ME Consultants
CONTACT: R. Wingard
INQUIRY #: 4857343.293s
DATE: February 17, 2017 2:17 pm

DETAIL MAP - 4857343.293S



- ★ 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



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: R07402-04-14
 ADDRESS: 2121 Broad River Roadcolumbia SC 29210
 Columbia SC 29210
 LAT/LONG: 34.037772 / 81.092144

CLIENT: F&ME Consultants
 CONTACT: R. Wingard
 INQUIRY #: 4857343.293s
 DATE: February 17, 2017 2:20 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		0	2	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	2	3	NR	5
<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	3	2	7	NR	NR	13
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	4	4	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	0	2	2	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	1	NR	NR	NR	NR	NR	1
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	1	1	1	NR	NR	NR	3
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	1	NR	NR	NR	NR	NR	1
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	2	1	4	NR	NR	8
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
ABANDONED MINES	0.500		0	0	0	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ECHO	TP	1	NR	NR	NR	NR	NR	1

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125	1	1	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	TP		NR	NR	NR	NR	NR	0
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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	2	NR	NR	NR	NR	NR	2
- Totals --		11	11	12	15	3	0	52

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

MCQUIKS OILUBE
2121 BROAD RIVER RD
COLUMBIA, SC

LUST
UST
RCR
GWCI

U004016932
N/A

Site 1 of 8 in cluster A

Actual:
332 ft.

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.

**A2
Target
Property**

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

RCRA NonGen / NLR

**1000461882
SCD987577814**

Site 2 of 8 in cluster A

**Actual:
332 ft.**

RCRA NonGen / NLR:

Date form received by agency: 02/21/2002
Facility name: MCQUIK'S #9660
Facility address: 2121 BROAD RIVERS ROAD
COLUMBIA, SC 29210
EPA ID: SCD987577814
Mailing address: BROAD RIVERS ROAD
COLUMBIA, SC 29210
Contact: DENNIS-MGR. DOUGLAS
Contact address: 2121 BROAD RIVERS ROAD
COLUMBIA, SC 29210
Contact country: US
Contact telephone: (803) 772-3721
Contact email: Not reported
EPA Region: 04
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: SOUTHEAST LUBE, INC.
Owner/operator address: 2121 BROAD RIVERS ROAD
COLUMBIA, SC 29210
Owner/operator country: Not reported
Owner/operator telephone: (999) 999-9999
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCQUIK'S #9660 (Continued)

1000461882

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: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

Historical Generators:

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

Violation Status: No violations found

Evaluation Action Summary:

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

**A3
Target
Property**

**MCQUIKS OILUBE
2121 BROAD RIVER RD
COLUMBIA, SC**

**RGA LUST S114815728
N/A**

Site 3 of 8 in cluster A

**Actual:
332 ft.**

RGA LUST:

2012	MCQUIKS OILUBE	2121 BROAD RIVER RD
2011	MCQUIKS OILUBE	2121 BROAD RIVER RD
2010	MCQUIKS OILUBE	2121 BROAD RIVER RD
2009	MCQUIKS OILUBE	2121 BROAD RIVER RD
2008	MCQUIKS OILUBE	2121 BROAD RIVER RD
2007	MCQUIKS OILUBE	2121 BROAD RIVER RD
2006	MCQUIKS OILUBE	2121 BROAD RIVER RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCQUIKS OILUBE (Continued)

S114815728

2005	MCQUIKS OILUBE	2121 BROAD RIVER RD
2004	MCQUIKS OILUBE	2121 BROAD RIVER RD
2003	MCQUIKS OILUBE	2121 BROAD RIVER RD
2002	MCQUIKS OILUBE	2121 BROAD RIVER RD
2000	MCQUIKS OILUBE	2121 BROAD RIVER RD

**A4
Target
Property**

**TRANSFORMER
2121 BROAD RIVER RD
COLUMBIA, SC**

**SPILLS S105684752
N/A**

Site 4 of 8 in cluster A

**Actual:
332 ft.**

SPILL:

Incident ID number:	184980
Incident Name:	200000159
District Logged In:	Columbia EQC Office
Date DHEC notified:	01/28/2000
DHEC notification:	1135
Observed date:	01/26/2000
observed Time:	1800
Spill Date:	Not reported
Spill Time:	Not reported
Duration:	Not reported
Created Date:	02/10/2000
Updated Date:	02/10/2000
District Name:	Not reported
PRP Last Name:	SCE&G
PRP First Name:	Not reported
Incident substance type:	Oil
Received by Name:	CHRIS STATON
Reviwed by Name:	Not reported
Transportation:	N
Surface water affected:	No
Lead Investigator Name:	Not reported
CCBEP:	Not reported
Water body:	Not reported
Caller Last Name:	Not reported
Caller name:	Not reported
Caller phone number:	Not reported
Caller extension:	Not reported
Caller organization:	Not reported
Substance:	MINERAL OIL
Quantity:	10
Units:	Gallons
Recovered:	Not reported
Recovered Units:	Not reported
Comments:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A5
Target
Property

MCQUIKS #9660
2121 BROAD RIVER ROAD
COLUMBIA, SC 29210

FINDS
ECHO

1016203510
N/A

Site 5 of 8 in cluster A

Actual:
332 ft.

FINDS:

Registry ID: 110004940985

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: 1016203510
Registry ID: 110004940985
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110004940985

A6
Target
Property

MCQUIK'S OILUBE
2121 BROAD RIVER RD
COLUMBIA, SC

RGA LUST
S114815726
N/A

Site 6 of 8 in cluster A

Actual:
332 ft.

RGA LUST:

1999	MCQUIK'S OILUBE	2121 BROAD RIVER RD
1998	MCQUIK'S OILUBE	2121 BROAD RIVER RD
1997	MCQUIK'S OILUBE	2121 BROAD RIVER RD
1996	MCQUIK'S OILUBE	2121 BROAD RIVER RD

A7
Target
Property

2121 BROAD RIVER RD
COLUMBIA, SC 29210

EDR Hist Auto
1015323989
N/A

Site 7 of 8 in cluster A

Actual:
332 ft.

EDR Historical Auto Stations:

Name: Q LUBE
Year: 1999
Address: 2121 BROAD RIVER RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015323989

Name: JIFFY LUBE
Year: 2000
Address: 2121 BROAD RIVER RD

Name: JIFFY LUBE
Year: 2001
Address: 2121 BROAD RIVER RD

Name: JIFFY LUBE
Year: 2002
Address: 2121 BROAD RIVER RD

Name: JIFFY LUBE
Year: 2003
Address: 2121 BROAD RIVER RD

Name: JIFFY LUBE
Year: 2004
Address: 2121 BROAD RIVER RD

Name: JIFFY LUBE
Year: 2005
Address: 2121 BROAD RIVER RD

Name: JIFFY LUBE
Year: 2006
Address: 2121 BROAD RIVER RD

Name: JIFFY LUBE
Year: 2007
Address: 2121 BROAD RIVER RD

Name: SOUTH LUBES INC
Year: 2008
Address: 2121 BROAD RIVER RD

Name: SOUTH LUBES INC
Year: 2009
Address: 2121 BROAD RIVER RD

Name: JIFFY LUBE
Year: 2010
Address: 2121 BROAD RIVER RD

Name: JIFFY LUBE
Year: 2011
Address: 2121 BROAD RIVER RD

Name: JIFFY LUBE
Year: 2012
Address: 2121 BROAD RIVER RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

A8
ESE
< 1/8
0.024 mi.
128 ft.

USS AGRI-CHEMICALS
BROADRIVER RD,PO BOX 21099
COLUMBIA, SC 29221

Site 8 of 8 in cluster A

RCRA NonGen / NLR **1000101385**
SCD044942878

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 08/15/1980
Facility name: USS AGRI-CHEMICALS
Facility address: BROADRIVER RD,PO BOX 21099
COLUMBIA, SC 29221
EPA ID: SCD044942878
Mailing address: PO BOX 1685
ATLANTA, GA 30301
Contact: JOHN NICKERSON
Contact address: PO BOX 1685
ATLANTA, GA 30301
Contact country: US
Contact telephone: (404) 572-4105
Contact email: Not reported
EPA Region: 04
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
333 ft.

Owner/Operator Summary:

Owner/operator name: Not reported
Owner/operator address: OWNERSTREET
OWNERCITY, WY 99999
Owner/operator country: Not reported
Owner/operator telephone: (404) 555-1212
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USS AGRI-CHEMICALS (Continued)

1000101385

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: P071
. Waste name: METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL
O-(4-NITROPHENYL) ESTER

. Waste code: U084
. Waste name: 1,3-DICHLOROPROPENE (OR) 1-PROPENE, 1,3-DICHLORO-

. Waste code: U224
. Waste name: Not Defined

. Waste code: U233
. Waste name: Not Defined

Violation Status: No violations found

**B9
WNW
< 1/8
0.030 mi.
161 ft.**

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

Site 1 of 2 in cluster B

**LUST U003521988
UST N/A
GWCI**

**Relative:
Lower**

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GULF SERVICE STATION (Continued)

U003521988

RP City: HOUSTON
RP State: TX
RP Zip: 77079
SCRBCA Class Code: CLASS4AA
Project Manager: FULMER, SUSAN B
Release Fin Type Code: WS

UST:

Facility ID: 07342
Permit: N 07342
Owner: BP OIL INC
Owner Address: Not reported
Owner City, st, zip: ALPHARETTA GA 30004-4811
Owner Phone: 770-576-3082

Tank ID: 1
Status: Abandoned
Capacity: 6000
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GULF SERVICE STATION (Continued)

U003521988

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

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GULF SERVICE STATION (Continued)

U003521988

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 Awaiti.

C10
North
< 1/8
0.048 mi.
251 ft.

RACETRAC 978
2114 BROAD RIVER RD
COLUMBIA, SC
Site 1 of 3 in cluster C

LUST
UST
Financial Assurance
GWCI

U004019472
N/A

Relative:
Lower

LUST:

Actual:
326 ft.

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

LUST:

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

Release Date: 12/12/1991
Cleanup Complete Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC 978 (Continued)

U004019472

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:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC 978 (Continued)

U004019472

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC 978 (Continued)

U004019472

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

C11
North
< 1/8
0.048 mi.
251 ft.

2114 BROAD RIVER RD
COLUMBIA, SC 29210

Site 2 of 3 in cluster C

EDR Hist Auto 1015322602
N/A

Relative:
Lower

EDR Historical Auto Stations:

Name: RACETRAC SERVICE STATION
Year: 1999

Actual:
326 ft.

Address: 2114 BROAD RIVER RD

Name: RACETRAC SERVICE STATION
Year: 2000
Address: 2114 BROAD RIVER RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015322602

Name: RACETRAC SERVICE STATION
Year: 2001
Address: 2114 BROAD RIVER RD

Name: RACETRAC SERVICE STATION
Year: 2004
Address: 2114 BROAD RIVER RD

Name: RACETRAC SERVICE STATION
Year: 2005
Address: 2114 BROAD RIVER RD

Name: RACETRAC PETROLEUM INC
Year: 2007
Address: 2114 BROAD RIVER RD

Name: RACETRAC SERVICE STATION
Year: 2008
Address: 2114 BROAD RIVER RD

Name: RACETRAC SERVICE STATION
Year: 2009
Address: 2114 BROAD RIVER RD

B12
WNW
< 1/8
0.051 mi.
269 ft.

GULF SERVICE STATION
2123 BROAD RIVER RD
COLUMBIA, SC
Site 2 of 2 in cluster B

UST U004253559
N/A

Relative:
Lower

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

C13
North
< 1/8
0.063 mi.
332 ft.

SHEPPERDS TEXACO STATION
2116 BROAD RIVER RD
COLUMBIA, SC
Site 3 of 3 in cluster C

LUST U003525153
UST N/A

Relative:
Lower

LUST:
Release Number: 1
Facility ID: 07605
Release Status Number: 3
Substance: PETROL
Tank Owner Company Name: TEXACO USA

Actual:
323 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEPPERDS TEXACO STATION (Continued)

U003525153

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

LUST:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEPPERDS TEXACO STATION (Continued)

U003525153

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

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

14
NW
1/8-1/4
0.135 mi.
712 ft.

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

**UST U003525830
N/A**

**Relative:
Lower**

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

**Actual:
317 ft.**

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO SERVICE (Continued)

U003525830

Product: Waste Oil
Calcage: Not reported

15
South
1/8-1/4
0.169 mi.
893 ft.

SHERWIN WILLIAMS COMPANY
1221 BAKERSFIELD RD
COLUMBIA, SC 29210

RCRA NonGen / NLR
FINDS
ECHO

1000370858
SCD000826651

Relative:
Lower

RCRA NonGen / NLR:

Actual:
319 ft.

Date form received by agency: 11/02/1998
Facility name: SHERWIN WILLIAMS CO
Facility address: 1221 BAKERSFIELD RD
COLUMBIA, SC 29221
EPA ID: SCD000826651
Mailing address: PO DRAWER 21628
COLUMBIA, SC 29221
Contact: A ARTERS
Contact address: PO DRAWER 21628
COLUMBIA, SC 29221
Contact country: US
Contact telephone: (216) 566-3096
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: Not reported
Owner/operator address: OWNERSTREET
OWNERCITY, WY 99999
Owner/operator country: Not reported
Owner/operator telephone: (404) 555-1212
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS COMPANY (Continued)

1000370858

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: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. 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.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F017
. Waste name: Not Defined

. Waste code: F018
. Waste name: Not Defined

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS COMPANY (Continued)

1000370858

- . Waste code: P090
- . Waste name: Not Defined

- . Waste code: U002
- . Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

- . Waste code: U031
- . Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

- . Waste code: U112
- . Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

- . Waste code: U150
- . Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

- . Waste code: U154
- . Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

- . Waste code: U159
- . Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

- . Waste code: U161
- . Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

- . Waste code: U220
- . Waste name: BENZENE, METHYL- (OR) TOLUENE

- . Waste code: U239
- . Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Violation Status: No violations found

FINDS:

Registry ID: 110002191066

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: 1000370858
Registry ID: 110002191066

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS COMPANY (Continued)

1000370858

DFR URL:

http://echo.epa.gov/detailed_facility_report?fid=110002191066

16
South
1/8-1/4
0.182 mi.
963 ft.

SHARPES FORMAL WEAR OPERA CTR
RT 1 BOX 499G
COLUMBIA, SC 29203

RCRA-CESQG

1000368510
SCD982094575

Relative:
Lower

RCRA-CESQG:

Date form received by agency: 07/06/1987

Facility name: SHARPES FORMAL WEAR OPERA CTR

Facility address: RT 1 BOX 499G
COLUMBIA, SC 29203

EPA ID: SCD982094575

Mailing address: PO BOX 1082
COLUMBIA, SC 29202

Contact: LENNON WIDER
Contact address: PO BOX 1082
COLUMBIA, SC 29202

Contact country: US
Contact telephone: (803) 786-8550
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: SHARPES JAMES
Owner/operator address: OWNERSTREET
OWNERCITY, WY 99999

Owner/operator country: Not reported
Owner/operator telephone: (404) 555-1212

Legal status: Municipal
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: Municipal
Owner/Operator Type: Operator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHARPES FORMAL WEAR OPERA CTR (Continued)

1000368510

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: 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

17
SSE
1/8-1/4
0.215 mi.
1134 ft.

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

**RCR 1007226839
FINDS N/A**

**Relative:
Lower**

RCR:

**Actual:
329 ft.**

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER USA SERVICE STATION (Continued)

1007226839

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.

**D18
NW
1/8-1/4
0.238 mi.
1256 ft.**

**R A S 45015
2220 BROAD RIVER RD
COLUMBIA, SC
Site 1 of 3 in cluster D**

**UST U004253750
N/A**

**Relative:
Lower**

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

**D19
NW
1/8-1/4
0.238 mi.
1256 ft.**

**EXXON LOCATION 4 5015
2220 BROAD RIVER ROAD
COLUMBIA, SC 29210
Site 2 of 3 in cluster D**

**RCRA-CESQG 1004780444
FINDS SCD987578234
ECHO**

**Relative:
Lower**

RCRA-CESQG:

Date form received by agency: 02/11/1997
Facility name: EXXON LOCATION 4 5015
Facility address: 2220 BROAD RIVER ROAD
COLUMBIA, SC 29210
EPA ID: SCD987578234
Mailing address: BELL ROOM 2753X
HOUSTON, TX 77002
Contact: ALDA S POOL
Contact address: 800 BELL ROOM 2753X
HOUSTON, TX 77002
Contact country: US
Contact telephone: (713) 656-7709
Contact email: Not reported
EPA Region: 04
Classification: Conditionally Exempt Small Quantity Generator

**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

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
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: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110004941038

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON LOCATION 4 5015 (Continued)

1004780444

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

**D20
NW
1/8-1/4
0.238 mi.
1256 ft.**

**CIRCLE K 3105
2220 BROAD RIVER RD
COLUMBIA, SC

Site 3 of 3 in cluster D**

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

**Relative:
Lower**

LUST:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 3105 (Continued)

U001539487

Release Number: 1
Confirmed date: 11/03/1989
RP Name: EXXON MOBIL
RP Address: 217 COUNTRY CLUB PARK PMB# 101
RP City: BIRMINGHAM
RP State: AL
RP Zip: 35213-4237
SCRBCA Class Code: CLASS4AA
Project Manager: MAY, JULIE M
Release Fin Type Code: WS

UST:

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

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

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

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**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 3105 (Continued)

U001539487

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 3105 (Continued)

U001539487

Owner Zip: 28273
Mechanism: Guarantee
Date Expired: 09/01/15
Bill: 1
RNU: 0
Rel Number: N

SC GWIC:

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

21
SSW
1/8-1/4
0.240 mi.
1269 ft.

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

**LUST U004017560
UST N/A**

**Relative:
Lower**

LUST:
Release Number: 1
Facility ID: 14101
Release Status Number: Not reported
Substance: PETRO
Tank Owner Company Name: GOODYEAR TIRE & RUBBER

**Actual:
310 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRASIER TIRE SERVICE (Continued)

U004017560

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

22
SE
1/4-1/2
0.251 mi.
1325 ft.

PEP BOY 134
1804 BROAD RIVER RD
COLUMBIA, SC

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

Relative:
Lower

LUST:

Actual:
322 ft.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEP BOY 134 (Continued)

U004018251

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

UST:

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

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

23
NW
1/4-1/2
0.281 mi.
1485 ft.

PORT UNIT 288
2224 BROAD RIVER RD
COLUMBIA, SC

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

Relative:
Lower

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
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

Actual:
315 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT UNIT 288 (Continued)

U003524384

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT UNIT 288 (Continued)

U003524384

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

**24
NW
1/4-1/2
0.330 mi.
1744 ft.**

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

**LUST U003714870
UST N/A**

**Relative:
Lower**

LUST:

Release Number: 1
Facility ID: 18544
Release Status Number: Not reported
Substance: PETRO
Tank Owner Company Name: STURKIE, ALBERT

**Actual:
316 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YOKAHAMA TIRE (Continued)

U003714870

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

E25 **PALMETTO FINE CLEANERS/FMR BURNETTES CLN**
SE **1718 BROAD RIVER RD**
1/4-1/2 **COLUMBIA, SC 29210**

0.334 mi.
1766 ft.

Site 1 of 2 in cluster E

Relative:
Lower

SHWS:
EPA ID: SCDRY0053089

Actual:
320 ft.

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E26
SE
1/4-1/2
0.349 mi.
1845 ft.
SPEEDWAY 2842
1714 BROAD RIVER RD
COLUMBIA, SC
Site 2 of 2 in cluster E

LUST
UST
Financial Assurance
GWCI
NPDES
UIC
U003619431
N/A

Relative:
Lower

LUST:

Actual:
320 ft.

Release Number: 1
Facility ID: 07633
Release Status Number: 4
Substance: PETRO
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: 12/28/1989
EID: 1741216
Local Facility District: Columbia EQC Office
SCRBCA Class Number: 2BB
Release Fin Type Code: DS
Qualified: Y
Release Source: Not reported
Local Fac Last Name: SPEEDWAY 2842
Local Fac First Name: Not reported
User Name: KUHNMK
Cleanup Initiated Date: 12/29/1989
Prefix: R
Total Score: 58

LUST:

Release Date: 12/28/1989
Cleanup Complete Date: Not reported
Depth to Ground Water: 18.57
Ground Water Flow Direction: E
Release Number: 1
Confirmed date: 12/29/1989
RP Name: HESS CORPORATION
RP Address: 1 HESS PLAZA
RP City: WOODBRIDGE
RP State: NJ
RP Zip: 07095-1299
SCRBCA Class Code: CLASS2BB
Project Manager: FULMER, SUSAN B
Release Fin Type Code: DS

UST:

Facility ID: 07633
Permit: R 07633
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**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 2842 (Continued)

U003619431

Capacity: 6000
Product: Gasoline
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: 6000
Product: Gasoline
Calcage: Not reported

Tank ID: 5
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline RUL
Calcage: 5

Tank ID: 6
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline RUL
Calcage: 5

Tank ID: 7
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline Super/Prem
Calcage: 0

SC Financial Assurance 3:

Owner Name: HESS RETAIL STORES LLC
Owner Address: 1 HESS PLZ
Owner City: WOODBRIDGE
Owner State: NJ
Owner Zip: 07095-1299
Mechanism: Self Insurance 280.95
Date Expired: 04/30/15
Bill: 3
RNU: 0
Rel Number: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 2842 (Continued)

U003619431

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	07633
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 # 07633. RBCA Classification 2BB4. Active corrective action.

NPDES:

Permit:	SC0045187
Permit Status Date:	11/10/1999
Act/Inactive:	INACT
App Type:	NPDES REISSUE
App Status Date:	07/20/1995
Permit Contact:	GOLDMAN, HOWARD S
Permit Issued Date:	07/20/1995
Permit Expire Date:	08/31/2000
Permit Type:	WTRNPDESWWTP
Permit Sub Type:	INDUSTRIAL
Permit Status:	CAN
Receiving Stream:	STORM DRAIN TO BROAD RIVER
Address Type:	SITE
Owner Address Type:	BUSINESS
Owner Telephone:	937-864-3001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 2842 (Continued)

U003619431

UIC:

Permit Number: SCHE03020108
Facility Address 2: Not reported
Permit Holder: BUNNELL-LAMMONS ENGINEERING INC
Former Permit Number: 925
Activity: Active/Operating
Operator: BUNNELL-LAMMONS ENGINEERING INC
Disposition: Approved

27
SW
1/4-1/2
0.374 mi.
1973 ft.

PENSKE AUTO CENTER KMART
99 N ARROWOOD RD
COLUMBIA, SC

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

Relative:
Lower

LUST:

Actual:
254 ft.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

28
SSE
1/4-1/2
0.379 mi.
2002 ft.

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

SHWS **S108953994**
N/A

Relative: SHWS:
Lower EPA ID: SCS123457099

Actual:
327 ft.

29
NW
1/4-1/2
0.423 mi.
2234 ft.

COLUMBIA FIRE DEPT ST ANDREWS
1225 BRIARGATE CIR
COLUMBIA, SC

LUST **U003930955**
UST **N/A**
RCR
GWCI

Relative: LUST:
Lower 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COLUMBIA FIRE DEPT ST ANDREWS (Continued)

U003930955

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COLUMBIA FIRE DEPT ST ANDREWS (Continued)

U003930955

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 # 07326. RBCA Classification 3AA3. Monitored Natural Attenuation.

30
SSE
1/4-1/2
0.453 mi.
2394 ft.

ACE 272
1203 BUSH RIVER RD
COLUMBIA, SC

LUST **U003619489**
UST **N/A**
RCR
Financial Assurance
GWCI
UIC

Relative:
Lower

LUST:

Actual:
320 ft.

Release Number: 1
Facility ID: 10618
Release Status Number: 4
Substance: PETRO
Tank Owner Company Name: SPINX CO INC
Tank Owner Last Name: SPINX CO INC
Tank Owner First name: Not reported
NFA Date: 10/21/2014
Tank Owner City: GREENVILLE
Confirmed Date: Not reported
Release Date: 12/29/1989
EID: 1760587
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: SPINX 272
Local Fac First Name: Not reported
User Name: PEVELEML
Cleanup Initiated Date: 06/28/1990
Prefix: P
Total Score: 4340

LUST:

Release Date: 12/29/1989
Cleanup Complete Date: Not reported
Depth to Ground Water: 9.839
Ground Water Flow Direction: SW
Release Number: 1
Confirmed date: 06/28/1990
RP Name: SPEEDWAY LLC
RP Address: 500 SPEEDWAY DR
RP City: ENON
RP State: OH
RP Zip: 45323-1056
SCRBCA Class Code: CLASS2BA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACE 272 (Continued)

U003619489

Project Manager: FULMER, SUSAN B
Release Fin Type Code: WS

UST:

Facility ID: 10618
Permit: P 10618
Owner: SPINX CO INC
Owner Address: 1414 E WASHINGTON ST
Owner City, st, zip: GREENVILLE SC 29607-1864
Owner Phone: 864-233-5421

Tank ID: 1
Status: **Currently in Use**
Capacity: 8000
Product: Gasoline RUL
Calcage: 0

Tank ID: 2
Status: **Currently in Use**
Capacity: 8000
Product: Gasoline RUL
Calcage: 0

Tank ID: 3
Status: **Currently in Use**
Capacity: 8000
Product: Gasoline Plus
Calcage: 0

Tank ID: 4
Status: **Currently in Use**
Capacity: 8000
Product: Gasoline Super/Prem
Calcage: 0

Tank ID: 5
Status: **Currently in Use**
Capacity: 8000
Product: Diesel fuel
Calcage: 0

RCR:

Entity Responsibility: Not reported
Region: Not reported
Tax Id: R05916-11-01
Latitude: 34.03141
Longitude: -81.10720
Tracking Number: 10618
Regulatory Program: Not reported
Reported: 12/29/89
CU-MCL: 10/21/14

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACE 272 (Continued)

U003619489

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: SPINX CO INC
Owner Address: PO BOX 8624
Owner City: GREENVILLE
Owner State: SC
Owner Zip: 29604-8624
Mechanism: Self Insurance 280.101
Date Expired: 05/01/15
Bill: 5
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: 10618
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACE 272 (Continued)

U003619489

Drinking Water Well Impact: No
Remarks: Site ID # 10618. RBCA Classification 2BA4. Active corrective action.

UIC:

Permit Number: SCHE03020362
Facility Address 2: Not reported
Permit Holder: SPEEDWAY LLC
Former Permit Number: Not reported
Activity: Inactive
Operator: SPEEDWAY LLC
Disposition: Closed

F31
South
1/2-1
0.527 mi.
2785 ft.

BRITE CLEANERS
422 BUSH RIVER RD UNIT 1
COLUMBIA, SC 29210

Site 1 of 2 in cluster F

SHWS S107520947
VCP N/A
BROWNFIELDS
DRYCLEANERS

Relative:
Lower

SHWS:
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

F32
South
1/2-1
0.527 mi.
2785 ft.

BRITE CLEANERS
422 BUSH RIVER RD/1441-A COLONIAL LIFE
COLUMBIA, SC 29210
Site 2 of 2 in cluster F

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

Relative:
Lower

SHWS:
EPA ID: SCDRY0057314

Actual:
290 ft.

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

33
SSE
1/2-1
0.695 mi.
3671 ft.

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

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

Relative:
Lower

SHWS:
EPA ID: SCDRY0051271

Actual:
305 ft.

Drycleaners:
BLWM Number: 51271

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIPP'S FINE CLEANERS (Continued)

S105621468

Rank: 3rd
Priority Group Explanation: 3rd

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	S117725562	FMR ED ROBINSON LAUNDRY & DRY CLEA	DUTCH SQUARE MALL - NEXT TO A		DRYCLEANERS
COLUMBIA	U003930440	FORMER USA SERVICE STATION	DUTCH SQUARE MALL	29210	LUST, UST, GWCI

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

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

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

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

NPL LIENS: Federal Superfund Liens

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

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

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

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

SEMS: Superfund Enterprise Management System

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

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

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

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

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

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

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

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

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

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

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

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

US ENG CONTROLS: Engineering Controls Sites List

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

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

US INST CONTROL: Sites with Institutional Controls

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/26/2016

Date Data Arrived at EDR: 09/29/2016

Date Made Active in Reports: 11/11/2016

Number of Days to Update: 43

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 12/28/2016

Next Scheduled EDR Contact: 04/10/2017

Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Site Assessment Section Project List

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

Date of Government Version: 10/10/2016

Date Data Arrived at EDR: 10/21/2016

Date Made Active in Reports: 01/25/2017

Number of Days to Update: 96

Source: Department of Health and Environmental Control

Telephone: 803-898-0835

Last EDR Contact: 12/12/2016

Next Scheduled EDR Contact: 03/27/2017

Data Release Frequency: Annually

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

SWF/LF: Permitted Landfills List

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

Date of Government Version: 12/12/2016

Date Data Arrived at EDR: 12/14/2016

Date Made Active in Reports: 01/25/2017

Number of Days to Update: 42

Source: Department of Health and Environmental Control

Telephone: 803-734-5165

Source: Department of Health and Environmental Control, GIS Section

Telephone: 803-896-4084

Last EDR Contact: 12/12/2016

Next Scheduled EDR Contact: 03/27/2017

Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank List

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

Date of Government Version: 10/14/2016

Date Data Arrived at EDR: 10/20/2016

Date Made Active in Reports: 01/27/2017

Number of Days to Update: 99

Source: Department of Health and Environmental Control

Telephone: 803-898-4350

Last EDR Contact: 01/23/2017

Next Scheduled EDR Contact: 05/08/2017

Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/17/2016

Date Data Arrived at EDR: 04/27/2016

Date Made Active in Reports: 06/03/2016

Number of Days to Update: 37

Source: EPA, Region 5

Telephone: 312-886-7439

Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

UST: Comprehensive Underground Storage Tanks

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

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

AST: Aboveground Storage Tank List

Registered Aboveground Storage Tanks.

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

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

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

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

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

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

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

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

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

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

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

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

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

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

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

State and tribal institutional control / engineering control registries

RCR: Registry of Conditional Remedies

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

AUL: Land Use Controls

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

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

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

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Sites

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

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

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

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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

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

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

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

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

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

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

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

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Solid Waste Recycling Facilities

A listing of recycling center locations.

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

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

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

Location of open dumps on Indian land.

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

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

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

IHS OPEN DUMPS: Open Dumps on Indian Land

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

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

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

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

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

ALLSITES: Site Assessment & Remediation Public Record Database

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

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

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

CDL: Clandestine Drug Lab Sites

A listing of clandestine drug lab site locations.

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

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

CDL 2: Clandestine Drug Lab Listing

A listing of clandestine drug lab site locations.

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

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

US CDL: Clandestine Drug Labs

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Local Land Records

LIENS 2: CERCLA Lien Information

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

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

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

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

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

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

SPILLS: Spill List

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

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

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

SPILLS 90: SPILLS90 data from FirstSearch

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

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

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

SPILLS 80: SPILLS80 data from FirstSearch

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Other Ascertainable Records

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

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

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

FUDS: Formerly Used Defense Sites

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

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

DOD: Department of Defense Sites

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

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

FEDLAND: Federal and Indian Lands

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

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

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US FIN ASSUR: Financial Assurance Information

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

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

EPA WATCH LIST: EPA WATCH LIST

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

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

2020 COR ACTION: 2020 Corrective Action Program List

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

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

TSCA: Toxic Substances Control Act

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

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

TRIS: Toxic Chemical Release Inventory System

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

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

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

ROD: Records Of Decision

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

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

RMP: Risk Management Plans

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

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

RAATS: RCRA Administrative Action Tracking System

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

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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

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

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

ICIS: Integrated Compliance Information System

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

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

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 02/03/2017
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/22/2017
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 12/06/2016
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/06/2016
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/29/2016
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 01/04/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/06/2017	Telephone: 202-343-9775
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 01/06/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/01/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 77

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/23/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/13/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 07/21/2016
Date Data Arrived at EDR: 07/26/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 59

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/09/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

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

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

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

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

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

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/05/2016
Date Data Arrived at EDR: 09/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/01/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

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

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 12/02/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/15/2016	Source: EPA
Date Data Arrived at EDR: 09/07/2016	Telephone: (404) 562-9900
Date Made Active in Reports: 11/11/2016	Last EDR Contact: 12/06/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2016	Telephone: 202-564-0527
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/28/2016
Number of Days to Update: 91	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015	Source: Department of Defense
Date Data Arrived at EDR: 01/29/2016	Telephone: 571-373-0407
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 01/20/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Varies

AIRS: Permitted Airs Facility Listing

A listing of permitted airs facilities.

Date of Government Version: 11/29/2016	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 12/01/2016	Telephone: 803-898-4279
Date Made Active in Reports: 01/25/2017	Last EDR Contact: 12/01/2016
Number of Days to Update: 55	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of sites with coal ash ponds.

Date of Government Version: 01/20/2016	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 01/29/2016	Telephone: 803-898-3964
Date Made Active in Reports: 04/01/2016	Last EDR Contact: 12/16/2016
Number of Days to Update: 63	Next Scheduled EDR Contact: 04/03/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Drycleaner Database

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

Date of Government Version: 01/01/2016
Date Data Arrived at EDR: 02/03/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 58

Source: Department of Health & Environmental Control
Telephone: 803-898-3882
Last EDR Contact: 02/01/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

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

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 10/20/2016
Date Made Active in Reports: 01/25/2017
Number of Days to Update: 97

Source: Department of Health & Environmental Control
Telephone: 803-896-4067
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

Hazardous waste financial assurance information.

Date of Government Version: 09/20/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 11/10/2016
Number of Days to Update: 42

Source: Department of Health & Environmental Control
Telephone: 803-898-3880
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Listing

UST financial assurance information.

Date of Government Version: 03/05/2015
Date Data Arrived at EDR: 03/06/2015
Date Made Active in Reports: 03/17/2015
Number of Days to Update: 11

Source: Department of Health & Environmental Control
Telephone: 803-898-3880
Last EDR Contact: 01/07/2017
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

GWCI: Groundwater Contamination Inventory

An inventory of all groundwater contamination cases in the state.

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

Source: Department of Health and Environmental Control
Telephone: 803-898-3798
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

NPDES: Waste Water Treatment Facilities Listing

A listing of waste water treatment facility locations.

Date of Government Version: 10/13/2016
Date Data Arrived at EDR: 10/25/2016
Date Made Active in Reports: 01/27/2017
Number of Days to Update: 94

Source: Department of Health & Environmental Control
Telephone: 803-898-4300
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

UIC: Underground Injection Wells Listing

A listing of underground injection wells locations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/15/2016
Date Data Arrived at EDR: 08/12/2016
Date Made Active in Reports: 09/01/2016
Number of Days to Update: 20

Source: Department of Health & Environmental Control
Telephone: 803-898-3799
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/18/2016
Date Data Arrived at EDR: 09/20/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/20/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Quarterly

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 81

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 11/21/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 73

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Hist Auto: EDR Exclusive Historic Gas Stations

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

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

Date of Government Version: N/A	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/03/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 186	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

Date of Government Version: N/A	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/15/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 198	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 01/03/2017
Number of Days to Update: 96

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/30/2017
Date Data Arrived at EDR: 02/01/2017
Date Made Active in Reports: 02/13/2017
Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/01/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 07/22/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 123

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/12/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015

Date Data Arrived at EDR: 04/14/2016

Date Made Active in Reports: 06/03/2016

Number of Days to Update: 50

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 12/12/2016

Next Scheduled EDR Contact: 03/27/2017

Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

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

Electric Power Transmission Line Data

Source: PennWell Corporation

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.

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

R07402-04-14
2121 BROAD RIVER ROAD COLUMBIA SC 29210
COLUMBIA, SC 29210

TARGET PROPERTY COORDINATES

Latitude (North):	34.037772 - 34° 2' 15.98"
Longitude (West):	81.092144 - 81° 5' 31.72"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	491494.3
UTM Y (Meters):	3766153.2
Elevation:	332 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).

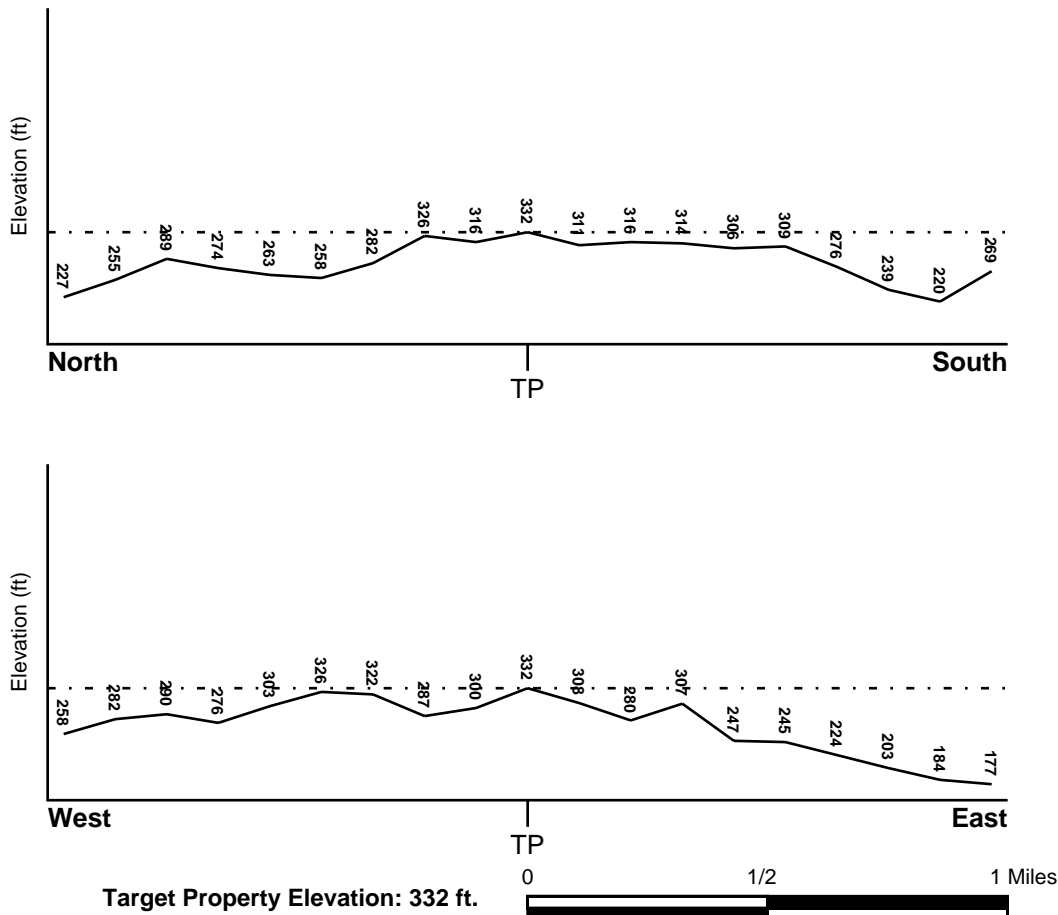
TOPOGRAPHIC INFORMATION

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 SE

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>
45079C0237K	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
45063C0161G	FEMA FIRM Flood data
45063C0164G	FEMA FIRM Flood data
45063C0163G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
COLUMBIA NORTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
A1	0 - 1/8 Mile NNW	Not Reported
A2	1/8 - 1/4 Mile NW	Not Reported
3	1/4 - 1/2 Mile SE	SE
4	1/4 - 1/2 Mile NW	SW
5	1/4 - 1/2 Mile SSW	S
B6	1/2 - 1 Mile SSW	SW
B7	1/2 - 1 Mile SSW	W
B8	1/2 - 1 Mile SSW	ESE
9	1/2 - 1 Mile WSW	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

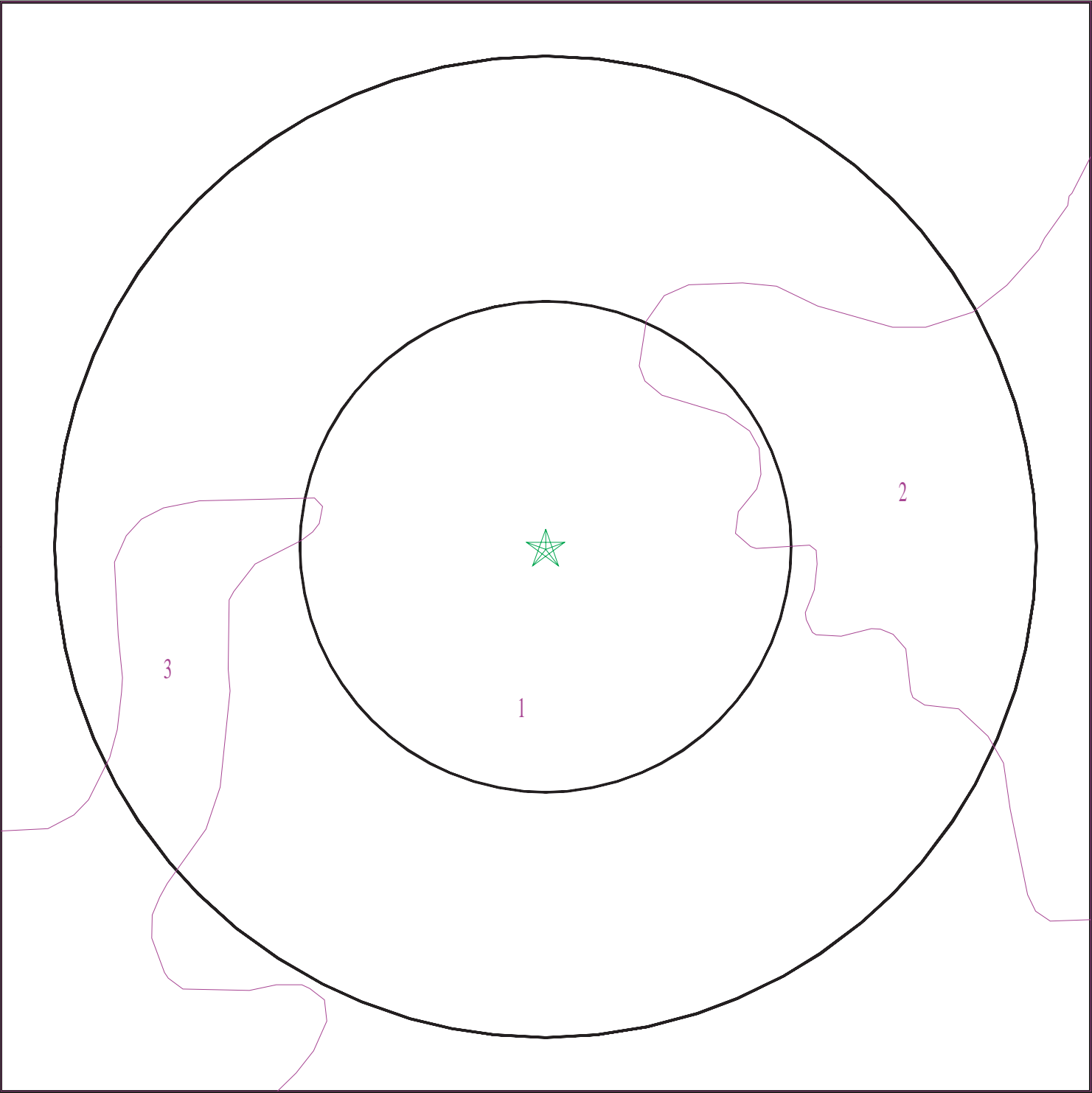
Era:	Paleozoic
System:	Pennsylvanian
Series:	Upper Paleozoic granitic rocks
Code:	Pzg3 (<i>decoded above as Era, System & Series</i>)

GEOLOGIC AGE IDENTIFICATION

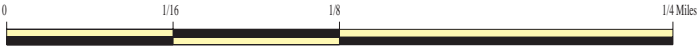
Category: Plutonic and Intrusive Rocks

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

SSURGO SOIL MAP - 4857343.293s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: R07402-04-14
ADDRESS: 2121 Broad River Roadcolumbia SC 29210
Columbia SC 29210
LAT/LONG: 34.037772 / 81.092144

CLIENT: F&ME Consultants
CONTACT: R. Wingard
INQUIRY #: 4857343.293s
DATE: February 17, 2017 2:21 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							
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

Soil Map ID: 2

Soil Component Name: Herndon

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	1 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
2	1 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 4	Max: 6 Min: 3.6
3	9 inches	37 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4 Min: 1.4	Max: 6 Min: 3.6
4	37 inches	51 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6 Min: 3.6
5	51 inches	61 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 4	Max: 6 Min: 3.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
6	61 inches	74 inches	bedrock	Not reported	Not reported	Max: 14 Min: 0	Max: Min:

Soil Map ID: 3

Soil Component Name: Orangeburg

Soil Surface Texture: loamy sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	loamy sand	Not reported	Not reported	Max: 42 Min: 14	Max: 6 Min: 4.5
2	5 inches	11 inches	loamy sand	Not reported	Not reported	Max: 42 Min: 14	Max: 6 Min: 4.5
3	11 inches	18 inches	sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 6 Min: 4.5
4	18 inches	89 inches	sandy clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 5.5 Min: 4.5

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

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

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

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

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

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

PHYSICAL SETTING SOURCE MAP - 4857343.293s



- 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: R07402-04-14
 ADDRESS: 2121 Broad River Roadcolumbia SC 29210
 Columbia SC 29210
 LAT/LONG: 34.037772 / 81.092144

CLIENT: F&ME Consultants
 CONTACT: R. Wingard
 INQUIRY #: 4857343.293s
 DATE: February 17, 2017 2:21 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1 NNW 0 - 1/8 Mile Lower	Site ID:	R-40-NO-07910	AQUIFLOW	37000
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	15.80		
	Deepest Water Table Depth:	21.36		
	Average Water Table Depth:	Not Reported		
	Date:	03/29/1998		
A2 NW 1/8 - 1/4 Mile Lower	Site ID:	N-40-NO-07758	AQUIFLOW	37261
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	24		
	Date:	12/12/1989		
3 SE 1/4 - 1/2 Mile Lower	Site ID:	B-40-NM-07633	AQUIFLOW	32355
	Groundwater Flow:	SE		
	Shallowest Water Table Depth:	18.99		
	Deepest Water Table Depth:	21.91		
	Average Water Table Depth:	Not Reported		
	Date:	01/03/1991		
4 NW 1/4 - 1/2 Mile Lower	Site ID:	N-40-GM-07326	AQUIFLOW	31938
	Groundwater Flow:	SW		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	Not Reported		
	Date:	10/09/1998		
5 SSW 1/4 - 1/2 Mile Lower	Site ID:	N-40-NO-16612	AQUIFLOW	41361
	Groundwater Flow:	S		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	25		
	Date:	12/20/1994		
B6 SSW 1/2 - 1 Mile Lower	Site ID:	N-40-NO-07763	AQUIFLOW	37045
	Groundwater Flow:	SW		
	Shallowest Water Table Depth:	85.70		
	Deepest Water Table Depth:	102.05		
	Average Water Table Depth:	Not Reported		
	Date:	05/29/1998		
B7 SSW 1/2 - 1 Mile Lower	Site ID:	N-40-NO-11758	AQUIFLOW	41375
	Groundwater Flow:	W		
	Shallowest Water Table Depth:	1.82		
	Deepest Water Table Depth:	13.31		
	Average Water Table Depth:	Not Reported		
	Date:	02/09/1999		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B8
SSW
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
WSW
1/2 - 1 Mile
Lower

Site ID: N-40-NO-11836
Groundwater Flow: Not Reported
Shallowest Water Table Depth: Not Reported
Deepest Water Table Depth: Not Reported
Average Water Table Depth: 5
Date: 10/06/1998

AQUIFLOW 41371

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: SC Radon

Radon Test Results

Zipcode	Average	Num Tests	Minimum	Maximum	% > 4 pCi/L
29210	2.1	101	0.3	46.4	5.0

Federal EPA Radon Zone for RICHLAND County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 29210

Number of sites tested: 14

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.786 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 803-734-9494

HYDROGEOLOGIC INFORMATION

AQUIFLOW^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

GROUNDWATER MONITORING REPORT

**RACETRAC PETROLEUM, INC.
RACEWAY STORE NO. 978
2114 BROAD RIVER ROAD
COLUMBIA, SOUTH CAROLINA**

**UST PERMIT NO. 07910
COST AGREEMENT NO. 49450**

PPM PROJECT NO. 266107-GWM2

JANUARY 20, 2017

GROUNDWATER MONITORING REPORT

FOR

**RACEWAY STORE NO. 978
2114 BROAD RIVER ROAD
COLUMBIA, SOUTH CAROLINA**

**UST PERMIT NO. 07910
COST AGREEMENT NO. 49450**

PREPARED FOR:

**RACETRAC PETROLEUM, INC.
3225 CUMBERLAND BOULEVARD, SUITE 100
ATLANTA, GEORGIA 30339
(770) 431-7600**

PPM PROJECT NO. 266107.GWM2

JANUARY 20, 2017

PREPARED BY:

REVIEWED BY:



**CAROL E. AUSTIN
STAFF GEOLOGIST**



**RODNEY M. KILGORE, P.G.
SENIOR GEOLOGIST**

**PPM CONSULTANTS, INC.
SCDHEC CERTIFIED CONTRACTOR NO. UCC-0094
30704 SERGEANT E.I. "BOOTS" THOMAS DRIVE
SPANISH FORT, ALABAMA 36527
(251) 990-9000**

TABLE OF CONTENTS

	<u>PAGE</u>
1.0 INTRODUCTION.....	1
2.0 BACKGROUND	1
2.1 Site Description	1
2.2 Site History	2
3.0 FIELD ACTIVITIES	6
3.1 Groundwater Elevation Survey	6
3.2 Groundwater Sampling.....	6
3.3 Laboratory Analysis	7
4.0 FINDINGS	8
4.1 Groundwater Elevations	8
4.2 Analytical Results	8
5.0 SUMMARY AND CONCLUSIONS.....	9
6.0 RECOMMENDATIONS	9

FIGURES

Figure 1	Site Location Map
Figure 2	Site Map
Figure 3	Groundwater Elevation Contour Map (December 5, 2016)
Figure 4	Groundwater Analytical Map (December 5-6, 2016)

TABLES

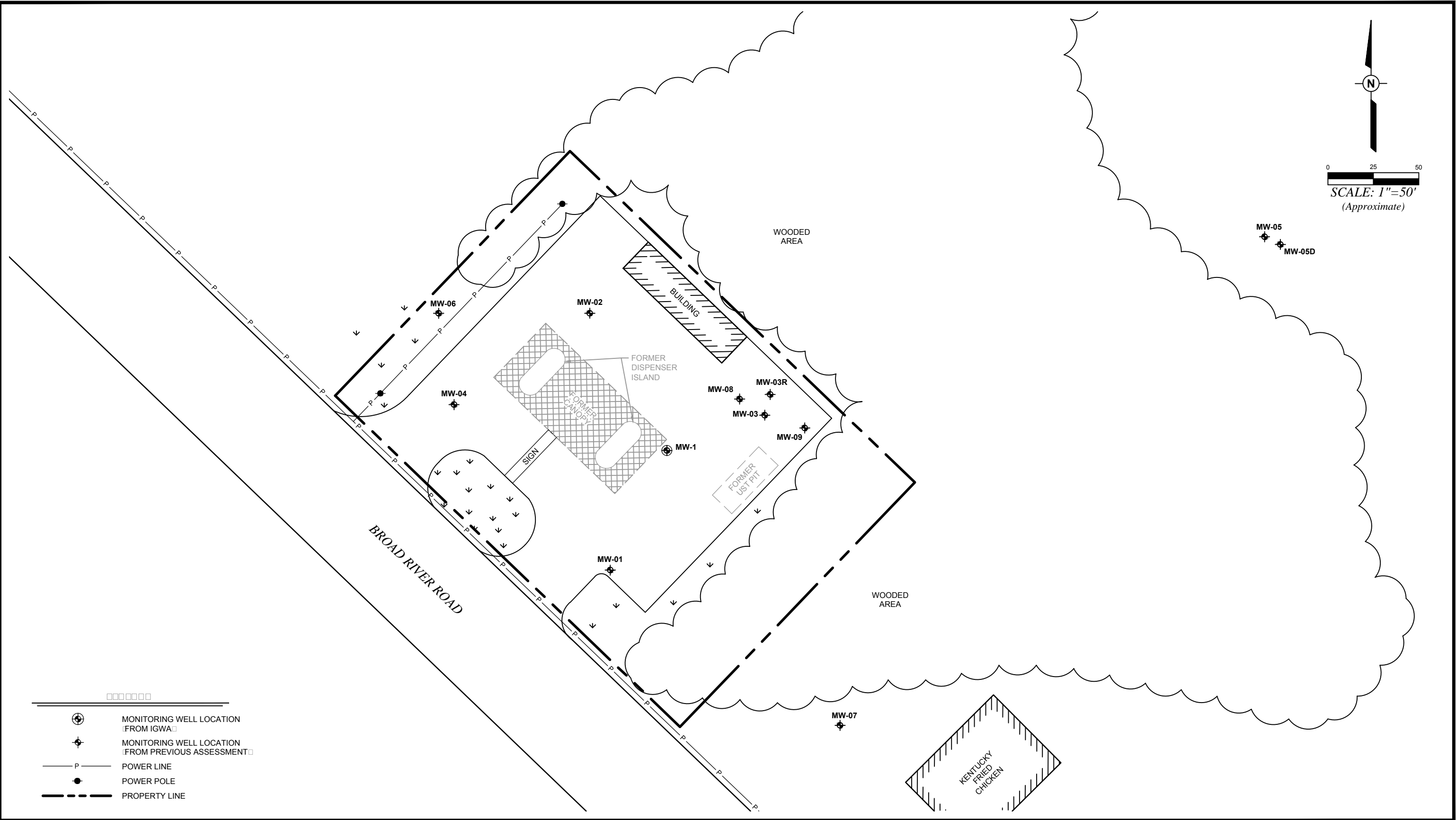
Table 1	Summary of Groundwater Elevation Survey Data
Table 2	Summary of Historical Groundwater Elevations
Table 3	Summary of Groundwater Field Parameters
Table 4	Summary of Groundwater Analytical Data
Table 5	Summary of Current Historical Groundwater Analytical Results

TABLE OF CONTENTS (Continued)

APPENDICES

Appendix A	Site Survey (Not Applicable)
Appendix B	Field Data Information Sheets for Groundwater Sampling, Sampling Procedures, Chain-of-Custody Forms, and Groundwater Analytical Reports
Appendix C	Tax Map (Not Applicable)
Appendix D	Soil Boring/Field Screening Logs (Not Applicable)
Appendix E	SCDHEC Forms 1903 (Not Applicable)
Appendix F	Slug Test Data (Not Applicable)
Appendix G	Transportation and Disposal Manifests
Appendix H	Zoning Regulations (Not Applicable)
Appendix I	Fate and Transport Modeling (Not Applicable)
Appendix J	Contractor Verification Checklist

C:\Ra\reTra\Petroleum, In\266107 G\m2\266107 GWM2 Jan 2017.d\2 Site Map, 110 2017 11:16:37 AM, a\ppri\et



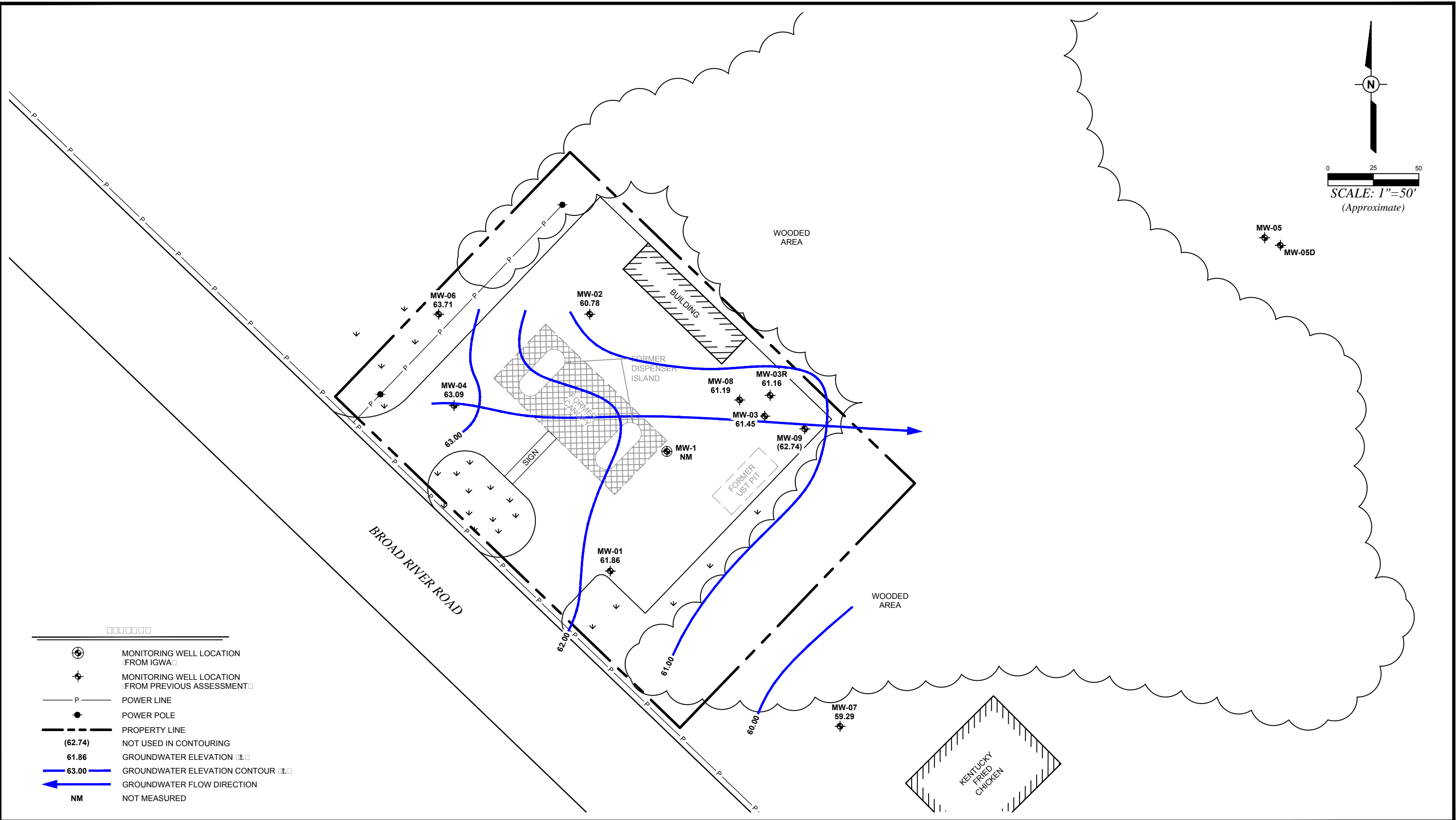
PPM PPM CONSULTANTS INC. ppc	
DRAWN BY: JCP	DRAWN DATE: 011017
PROJECT NUMBER: 266107	BILLING GROUP: GWM2

RACEWAY STORE NO. 978
211 BROAD RIVER ROAD
COLUMBIA, SOUTH CAROLINA
UST PERMIT NO. 07910

SITE MAP

FIGURE
NUMBER
2

\\RateTrac\Petroleum_In\266107\G\m2\266107\GWM2\Jan 2017.dwg 3 GW Elevations., 1/10/2017 11:16:31 AM, a:\pri\att



<div>PPMCONSULTANTS, INC. ppc</div>		<div>RACEWAY STORE NO. 978 211 BROAD RIVER ROAD COLUMBIA, SOUTH CAROLINA UST PERMIT NO. 07910</div>	<div>GROUNDWATER ELEVATION CONTOUR MAP DECEMBER 5, 2016</div>	FIGURE NUMBER
DRAWN BY: JCP	DRAWN DATE: 01/10/17			3
PROJECT NUMBER: 266107	BILLING GROUP: GWM2			

C:\RateTrac\Petroleum_In\266107\GWM2\Jan 2017.dwg 1/10/2017 11:16:39 AM, a:\pri\Tett

MW-06	12/05/16
BENZENE (ppb)	<1.0
TOLUENE (ppb)	<1.0
ETHYLBENZENE (ppb)	<1.0
TOTAL XYLENES (ppb)	<1.0
BTEX (ppb)	BDL
MTBE (ppb)	<1.0
NAPHTHALENE (ppb)	<1.0
TERT-AMYL ALCOHOL (ppb)	<20.0
TERT-AMYL METHYL ETHER (ppb)	<10.0
DIISOPROPYL ETHER (ppb)	<1.0
ETHYL TERT BUTYL ETHER (ppb)	<1.0
TERT BUTYL ALCOHOL (ppb)	<20.0
TERT BUTYL FORMATE (ppb)	<5.0
1,2-DICHLOROETHANE (ppb)	<1.0
1,2-DIBROMOETHANE (ppb)	<1.0
3,3-DIMETHYL-1-BUTANOL (ppb)	<20.0
ETHANOL (ppb)	<100.0

MW-04	12/05/16
BENZENE (ppb)	<1.0
TOLUENE (ppb)	<1.0
ETHYLBENZENE (ppb)	<1.0
TOTAL XYLENES (ppb)	<1.0
BTEX (ppb)	BDL
MTBE (ppb)	2.90
NAPHTHALENE (ppb)	<1.0
TERT-AMYL ALCOHOL (ppb)	<20.0
TERT-AMYL METHYL ETHER (ppb)	<10.0
DIISOPROPYL ETHER (ppb)	<1.0
ETHYL TERT BUTYL ETHER (ppb)	<1.0
TERT BUTYL ALCOHOL (ppb)	<20.0
TERT BUTYL FORMATE (ppb)	<5.0
1,2-DICHLOROETHANE (ppb)	<1.0
1,2-DIBROMOETHANE (ppb)	<1.0
3,3-DIMETHYL-1-BUTANOL (ppb)	<20.0
ETHANOL (ppb)	<100.0

MW-02	12/05/16
BENZENE (ppb)	<1.0
TOLUENE (ppb)	<1.0
ETHYLBENZENE (ppb)	<1.0
TOTAL XYLENES (ppb)	<1.0
BTEX (ppb)	BDL
MTBE (ppb)	1.30
NAPHTHALENE (ppb)	<1.0
TERT-AMYL ALCOHOL (ppb)	<20.0
TERT-AMYL METHYL ETHER (ppb)	<10.0
DIISOPROPYL ETHER (ppb)	<1.0
ETHYL TERT BUTYL ETHER (ppb)	<1.0
TERT BUTYL ALCOHOL (ppb)	<20.0
TERT BUTYL FORMATE (ppb)	<5.0
1,2-DICHLOROETHANE (ppb)	<1.0
1,2-DIBROMOETHANE (ppb)	<1.0
3,3-DIMETHYL-1-BUTANOL (ppb)	<20.0
ETHANOL (ppb)	<100.0

MW-08	12/05/16
BENZENE (ppb)	6,600
TOLUENE (ppb)	22,000
ETHYLBENZENE (ppb)	3,000
TOTAL XYLENES (ppb)	22,000
BTEX (ppb)	53,600
MTBE (ppb)	9,900
NAPHTHALENE (ppb)	860
TERT-AMYL ALCOHOL (ppb)	<10,000
TERT-AMYL METHYL ETHER (ppb)	<5,000
DIISOPROPYL ETHER (ppb)	<500
ETHYL TERT BUTYL ETHER (ppb)	<500
TERT BUTYL ALCOHOL (ppb)	<10,000
TERT BUTYL FORMATE (ppb)	<2,500
1,2-DICHLOROETHANE (ppb)	<500
1,2-DIBROMOETHANE (ppb)	<500
3,3-DIMETHYL-1-BUTANOL (ppb)	<10,000
ETHANOL (ppb)	<50,000

MW-03R	12/06/16
BENZENE (ppb)	7,800
TOLUENE (ppb)	20,000
ETHYLBENZENE (ppb)	2,600
TOTAL XYLENES (ppb)	19,000
BTEX (ppb)	49,400
MTBE (ppb)	9,900
NAPHTHALENE (ppb)	840
TERT-AMYL ALCOHOL (ppb)	<10,000
TERT-AMYL METHYL ETHER (ppb)	<5,000
DIISOPROPYL ETHER (ppb)	<500
ETHYL TERT BUTYL ETHER (ppb)	<500
TERT BUTYL ALCOHOL (ppb)	<10,000
TERT BUTYL FORMATE (ppb)	<2,500
1,2-DICHLOROETHANE (ppb)	<500
1,2-DIBROMOETHANE (ppb)	<500
3,3-DIMETHYL-1-BUTANOL (ppb)	<10,000
ETHANOL (ppb)	<50,000

MW-03D	12/05/16
BENZENE (ppb)	<5.0
TOLUENE (ppb)	41
ETHYLBENZENE (ppb)	13
TOTAL XYLENES (ppb)	140
BTEX (ppb)	194
MTBE (ppb)	<5.0
NAPHTHALENE (ppb)	6.30
TERT-AMYL ALCOHOL (ppb)	120
TERT-AMYL METHYL ETHER (ppb)	<50.0
DIISOPROPYL ETHER (ppb)	<5.0
ETHYL TERT BUTYL ETHER (ppb)	<5.0
TERT BUTYL ALCOHOL (ppb)	<100.0
TERT BUTYL FORMATE (ppb)	<25.0
1,2-DICHLOROETHANE (ppb)	<5.0
1,2-DIBROMOETHANE (ppb)	<5.0
3,3-DIMETHYL-1-BUTANOL (ppb)	<100.0
ETHANOL (ppb)	45,000

MW-01	12/05/16
BENZENE (ppb)	<1.0
TOLUENE (ppb)	<1.0
ETHYLBENZENE (ppb)	<1.0
TOTAL XYLENES (ppb)	1.50
BTEX (ppb)	BDL
MTBE (ppb)	<1.0
NAPHTHALENE (ppb)	<20.0
TERT-AMYL ALCOHOL (ppb)	<10.0
TERT-AMYL METHYL ETHER (ppb)	<1.0
DIISOPROPYL ETHER (ppb)	<1.0
ETHYL TERT BUTYL ETHER (ppb)	<1.0
TERT BUTYL ALCOHOL (ppb)	<20.0
TERT BUTYL FORMATE (ppb)	<5.0
1,2-DICHLOROETHANE (ppb)	<1.0
1,2-DIBROMOETHANE (ppb)	<1.0
3,3-DIMETHYL-1-BUTANOL (ppb)	<20.0
ETHANOL (ppb)	<100.0

MW-07	12/06/16
BENZENE (ppb)	<1.0
TOLUENE (ppb)	<1.0
ETHYLBENZENE (ppb)	<1.0
TOTAL XYLENES (ppb)	<1.0
BTEX (ppb)	BDL
MTBE (ppb)	<1.0
NAPHTHALENE (ppb)	<1.0
TERT-AMYL ALCOHOL (ppb)	<20.0
TERT-AMYL METHYL ETHER (ppb)	<10.0
DIISOPROPYL ETHER (ppb)	<1.0
ETHYL TERT BUTYL ETHER (ppb)	<1.0
TERT BUTYL ALCOHOL (ppb)	<20.0
TERT BUTYL FORMATE (ppb)	<5.0
1,2-DICHLOROETHANE (ppb)	<1.0
1,2-DIBROMOETHANE (ppb)	<1.0
3,3-DIMETHYL-1-BUTANOL (ppb)	<20.0
ETHANOL (ppb)	<100.0

MW-1	12/05/16
BENZENE (ppb)	7.40
TOLUENE (ppb)	<1.0
ETHYLBENZENE (ppb)	<1.0
TOTAL XYLENES (ppb)	1.50
BTEX (ppb)	8.90
MTBE (ppb)	1.0
NAPHTHALENE (ppb)	<1.0
TERT-AMYL ALCOHOL (ppb)	140
TERT-AMYL METHYL ETHER (ppb)	<10.0
DIISOPROPYL ETHER (ppb)	<1.0
ETHYL TERT BUTYL ETHER (ppb)	<1.0
TERT BUTYL ALCOHOL (ppb)	<20.0
TERT BUTYL FORMATE (ppb)	<5.0
1,2-DICHLOROETHANE (ppb)	<1.0
1,2-DIBROMOETHANE (ppb)	<1.0
3,3-DIMETHYL-1-BUTANOL (ppb)	<20.0
ETHANOL (ppb)	<100.0

-
-
- 7,800

INDICATES CONCENTRATION EXCEEDS THE RBSLS
- BDL

BELOW DETECTION LIMIT
- NS

NOT SAMPLED
- RBSLS

RISK BASED SCREENING LEVELS
- P

POWER LINE
- POWER POLE
- PROPERTY LINE

RACEWAY STORE NO. 978
211 BROAD RIVER ROAD
COLUMBIA, SOUTH CAROLINA
UST PERMIT NO. 07910

GROUNDWATER ANALYTICAL MAP
DECEMBER 5, 2016

FIGURE
NUMBER



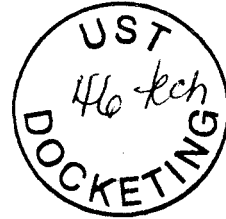
Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

MS RAVELLE JONES
PROPERTY DEVELOPMENT SPECIALIST/PROJECT MANAGER
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
4800 FOURNACE PLACE #E536B
BELLAIRE TEXAS 77401-2324

JAN 13 2014

Re: **No Further Action**
Shepperd's Texaco, 2116 Broad River Road, Columbia, SC
UST Permit # 07605
Release Reported September 23, 2008
Monitoring Report Received December 19, 2013
Richland County



Dear Ms. Jones:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (Agency) has reviewed the referenced report.

As concentrations of chemicals of concern (CoC) benzene, toluene, ethylbenzene, xylenes, naphthalene, MtBE, 1,2-DCA, the oxygenates, and EDB are below established risk based screening levels, the reported release does not present a significant threat to human health or the environment. Therefore, no further action will be required at this time. However, if any contamination becomes evident which could be attributed to this UST system, this office may, under authority established in the South Carolina UST Control Regulations R.61-92 Part 280.52/280.73, require site rehabilitation activities. Please note, CoC detected in monitoring wells MW-1R, MW-2R, MW-2D, MW-5, RTMW-02, and RTMW-04 is attributed to the adjacent site, UST Permit # 07910.

The decision for requiring no further assessment pertains only to the UST release from the former UST reported on September 23, 2008 and is based solely on the information provided in the referenced report.

The Division intends to report this closure to the United States Environmental Protection Agency. If for any reason you disagree with this decision not to require any further environmental rehabilitation activities, please contact me in writing within thirty (30) days of the date of this letter.

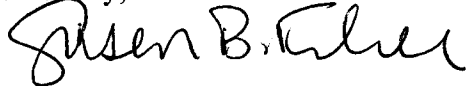
Monitoring wells MW-1, MW-2, MW-3, MW-3R, MW-3D, MW-5D, MW-6, and MW-7 at the facility may be permanently abandoned in accordance with the S.C. Well Standards and Regulations, R.61-71 by a certified well driller licensed in South Carolina. Eligible costs for abandonment of the wells will be paid by the State Underground Petroleum Environmental Response Bank (SUPERB) Account. Should you choose to abandon the monitoring wells, please submit a cost agreement to the Division for approval within 30 days from the date of this letter. Please note that cost pre-approval is required before abandonment activities are conducted.

Ms. Jones

Page 2

On all correspondence related to this facility, please reference UST Permit # 07605. If you have any questions regarding this correspondence, please contact me at (803) 898-0614 or fulmersb@dhec.sc.gov.

Sincerely,



Susan B. Fulmer P.G., Hydrogeologist
Corrective Action Section
UST Management Division
Bureau of Land and Waste Management

cc: Mr. Christopher Crawford, Leidos, 35 Varden Dr., Suite C, Aiken, SC 29803
✓ Technical File

December 20, 2013

Accession #:6818.20131212.001



Ms. Susan Fulmer
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull St, Columbia, SC 29201

Subject: **Groundwater Monitoring Report**
 Chevron Facility # 354916
 UST Permit # 07605; CA # 46310
 Shepperd's Texaco
 2116 Broad River Rd.
 Columbia, SC

Dear Ms. Fulmer:

Leidos Engineering, LLC (Leidos, UST Contractor Certification Permit No. UCC-0110) on behalf of Chevron Environmental Management Company (Chevron) submits this Groundwater Monitoring Report for the former Shepperd's Texaco, Chevron Facility # 354916 (UST Permit No. 07605), located at 2116 Broad River Rd. Columbia, SC (**Figure 1**). The former station building remains on site but is empty. The groundwater sampling was conducted by Chris Crawford and Le Ann Day of Leidos on November 20 and 21, 2013. During the event, the ambient temperature fluctuated between 55 degrees Fahrenheit (°F) and 60°F, under partly cloudy skies. These activities were conducted under a QAPP Contractor Addendum approved by the SCDHEC Underground Storage Tank (UST) Program, and cost agreement letter CA # 46310 from Ms. Susan Fulmer to Ms. Ravelle Jones, received November 6, 2013. A site map is included as **Figure 2**.

GROUNDWATER GAUGING

On November 20, 2013, 15 monitoring wells were gauged with a standard oil-water interface probe (IP) to determine the depths to groundwater and to determine if phase-separated hydrocarbons (PSH) were present in any of the wells. Depths to groundwater ranged from 25.40 feet below top of casing (ft btoc) in monitoring well MW-5D to 45.60 ft btoc in well MW-7. No water was detected in MW-1, MW-2, MW-3, and RTMW-06. The potentiometric surface elevations for the wells ranged from 287.20 feet above mean sea level (ft amsl) at MW-5 to 294.02 ft amsl at RTMW-04. These results are similar to those observed in May 2013.

Monitoring well construction data are presented in **Table 1**. Current groundwater elevation data are presented in **Table 2**. Groundwater gauging data from the November 20, 2013 event were used to construct a water table surface map (**Figure 3**). The apparent groundwater flow direction is toward the north-northeast.

GROUNDWATER SAMPLING

Groundwater samples were collected on November 20 and 21, 2013 from eleven wells (MW-1R, MW-2D, MW-2R, MW-3D, MW-3R, MW-5, MW-5D, MW-6, MW-7, RTMW-02 and RTMW-04). A field blank sample was collected during each day of the event for analysis. A duplicate sample was collected from MW-7. Collected samples were submitted under chain of custody and shipped by overnight courier to TestAmerica Laboratories, Inc. in Pensacola, Florida (TestAmerica). The samples were submitted for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), naphthalene, 1,2-dichloroethane, methyl tert-butyl ether (MTBE), and eight oxygenates by United States Environmental Protection Agency (US EPA) Method 8260B, and ethylene dibromide (EDB) by USEPA Method 8011. Groundwater samples were collected into laboratory-supplied, hydrochloric acid preserved 40 milliliter (mL) glass vials as specified by the laboratory.

The wells were purged and sampled with dedicated disposable polyethylene bailers suspended from new nylon line. Disposable nitrile gloves were used and changed between wells throughout the monitoring and sampling event to prevent cross-contamination. No purge samples were collected from MW-1R, MW-2R, MW-3R, and MW-5 due to static water levels bracketing the screened intervals. During purging, a Horiba U-22 was used to measure the pH, specific conductance, temperature, and turbidity of the groundwater at selected intervals. Groundwater quality data (field parameters) are presented in **Table 3**. Field notes for the November 2013 sampling event are included as **Attachment A**.

The analytical results indicate that benzene was detected above the Risk Based Screening Level (RBSL) level of 5 micrograms per Liter ($\mu\text{g/L}$) at one well on the adjacent RaceTrac property: RTMW-02 (36 $\mu\text{g/L}$) and at MW-5 (23 $\mu\text{g/L}$) located on the parcel northeast of the RaceTrac. Benzene was not detected at any on-site wells. MTBE was detected above the RBSL level of 40 $\mu\text{g/L}$ at four wells: MW-1R (94 $\mu\text{g/L}$), MW-2R (470 $\mu\text{g/L}$), MW-2D (43 $\mu\text{g/L}$), and RTMW-04 (48 $\mu\text{g/L}$). These MTBE concentrations are consistent with the May 2013 concentrations and further evidence that MTBE is migrating onto the former Shepperd's Texaco site from the adjacent RaceTrac station. Ethylene dibromide (EDB) was detected above the RBSL level of 0.05 $\mu\text{g/L}$ at one well, MW-5 (0.097 $\mu\text{g/L}$). Naphthalene that was detected above the RBSL at MW-6 in 2012 (31 $\mu\text{g/L}$) was below the RBSL during both the May 2013 (8 $\mu\text{g/L}$) and November 2013 sampling events (4.4 $\mu\text{g/L}$).

The laboratory data for the November 2013 monitoring event are summarized in **Table 4** and depicted on **Figure 4**. Historical analytical results are included as **Table 5** and the

laboratory analytical report for the November 2013 sampling event is included as **Attachment B**.

WASTE DISPOSAL ACTIVITIES

Purge water collected during groundwater monitoring activities was containerized in two new 55-gallon steel closed-head drums, which are stored onsite. A composite waste characterization sample was collected from the water containment drums using a disposable bailer. The characterization sample was submitted to TestAmerica for analysis of pH, flashpoint, and total benzene. The purge water analytical results for the November 2013 event are included as **Attachment C**. Leidos requests permission to release the purge water to the paved area at the site. Benzene concentration of the purge water was 2.0 ug/L, which is less than the established RBSL of 5 ug/L.

CONCLUSIONS AND RECOMMENDATIONS

Leidos completed a groundwater monitoring event on November 20 and 21, 2013. With the exception of MTBE in wells in the east corner of the former Shepperd's Texaco (MW-1R, MW-2R, and MW-2D), already demonstrated to be impacted by the adjacent active station, on-site wells are not impacted. Leidos recommends the former Shepperd's Texaco site be granted a conditional no further action (NFA).

Please contact me at (803) 349-5663 or via email at crawfordcb@leidos.com or Phillip Albenesius at (803) 293-6344 or via email at phillip.w.albenesius@leidos.com if you have any questions or comments.

Sincerely,

Leidos Engineering, LLC



Christopher B. Crawford
Leidos Project Scientist



Phillip W. Albenesius, PG# 920
Leidos Program Manager

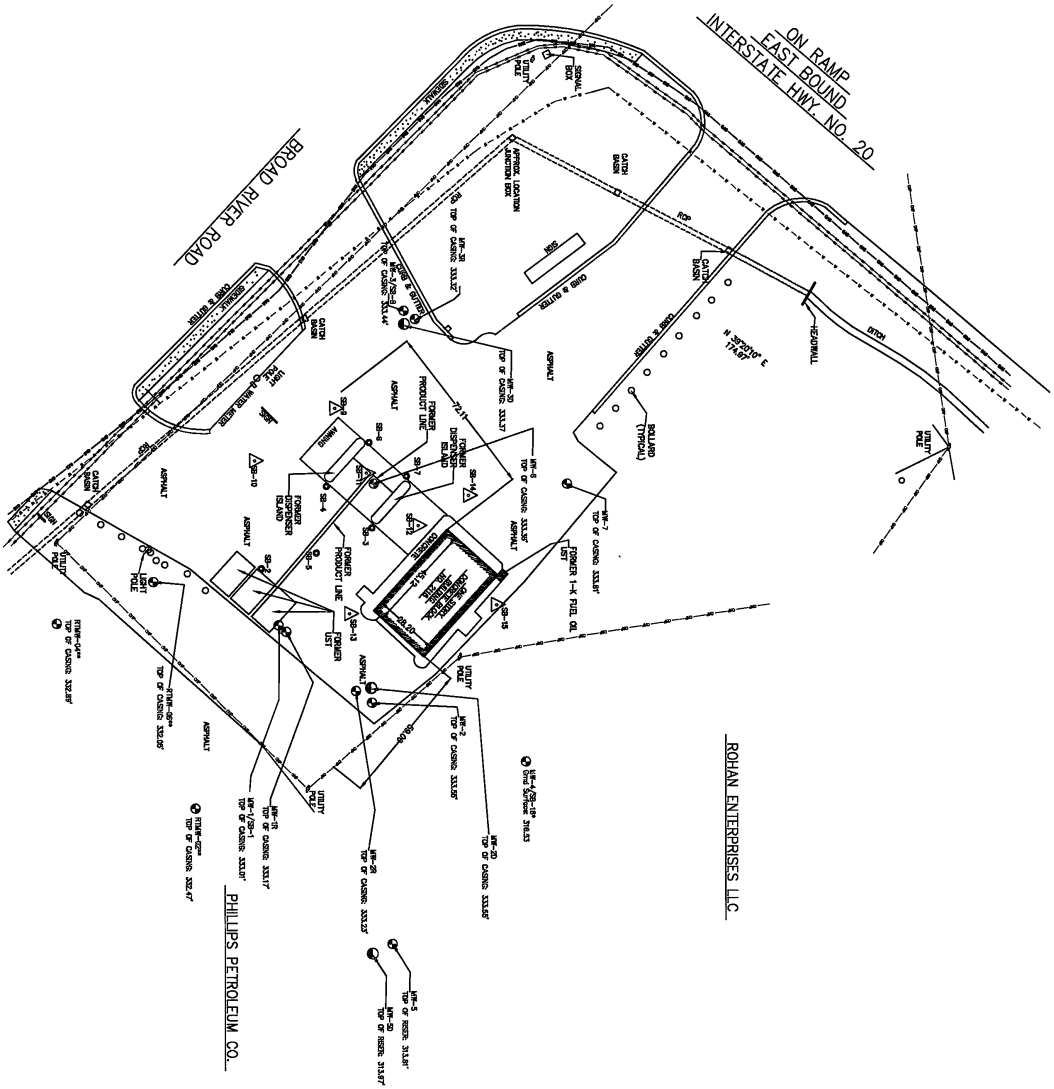
cc: Ravelle Jones, Chevron
354916 File

Enclosures

Figures: Figure 1: Site Location Map
 Figure 2: Site Map
 Figure 3: Water Table Contour Map – November 2013
 Figure 4: Constituents of Concern in Groundwater - November 2013

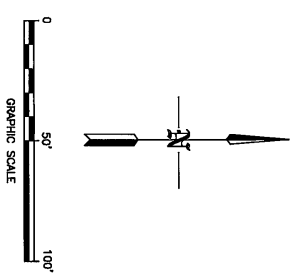
Tables: Table 1: Monitoring Well Construction Data
 Table 2: Groundwater Elevations – November 2013
 Table 3: Field Parameters for Groundwater Sampling – November 2013
 Table 4: Groundwater Analytical Results – November 2013
 Table 5: Historical Groundwater Analytical Results

Attachment A: Groundwater Sampling Field Notes
Attachment B: Laboratory Analytical Results
Attachment C: Purge Water Analytical Results



- LEGEND**
- SHALLOW MONITORING WELL
 - DEEP MONITORING WELL
 - ◎ SOIL BORING
 - △ 2011 SOIL BORING
 - WATER
 - OVERHEAD POWER LINE
 - GAS LINE
 - UNDERGROUND TELEPHONE LINE
 - LIGHT POLE

NOTES:
 * UNABLE TO INSTALL MW-4 AT LOCATION
 ** WELL ON ADJACENT PROPERTY

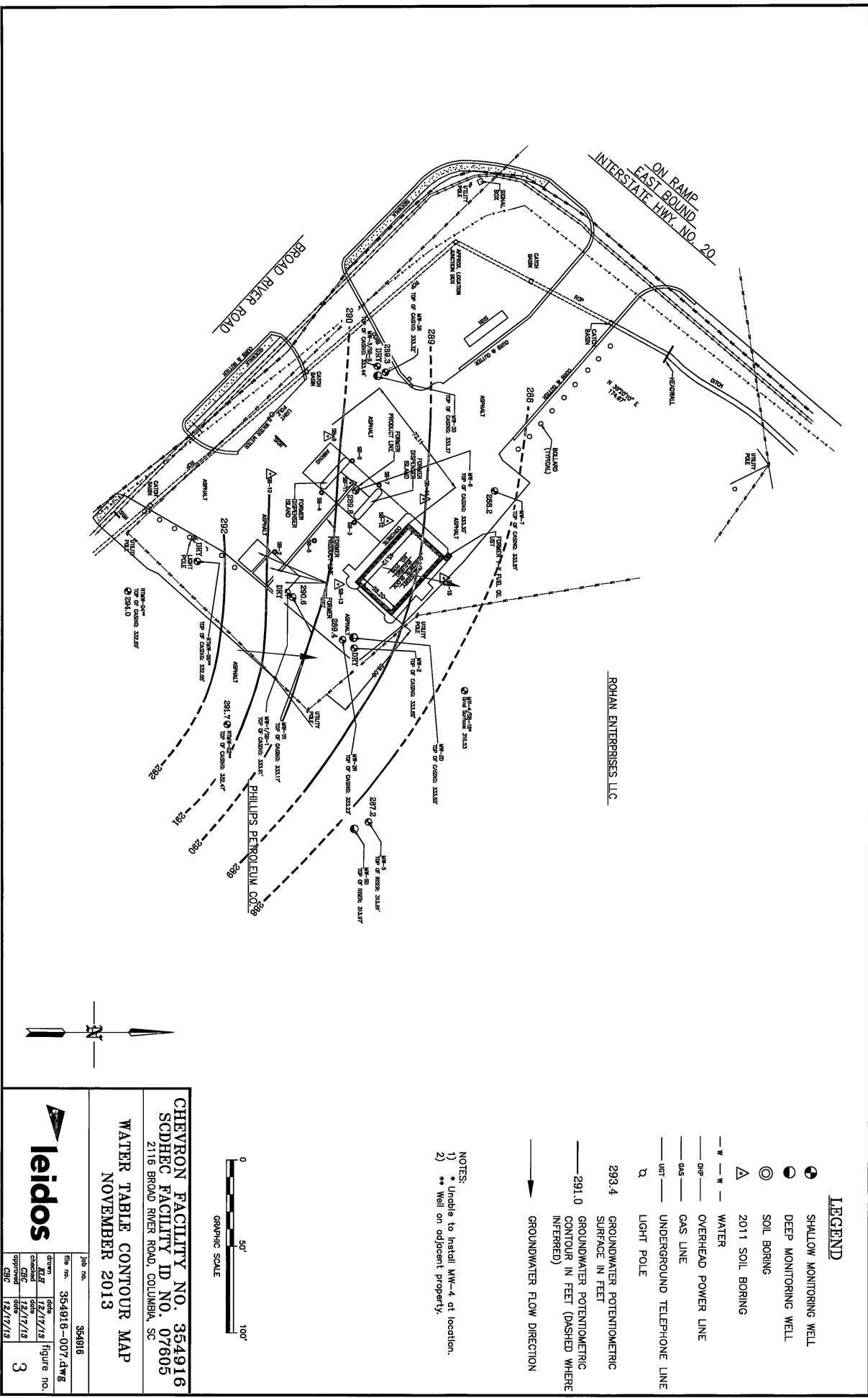


CHEVRON FACILITY NO. 354916
 SCDHEC FACILITY ID NO. 07605
 2116 BROAD RIVER ROAD, COLUMBIA, SC

SITE MAP

Job no.		354916
File no.		354916-007.dwg
drawn by	date	
checked by	date	
FWA	10/10/13	figure no.
approved	date	
FWA	10/10/13	2



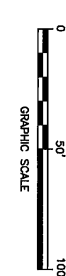


LEGEND

- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- ⊙ SOIL BORING
- △ 2011 SOIL BORING
- W — WATER
- OHP — OVERHEAD POWER LINE
- GAS — GAS LINE
- UG — UNDERGROUND TELEPHONE LINE
- ⊙ LIGHT POLE

293.4 GROUNDWATER POTENTIOMETRIC SURFACE IN FEET
 — 291.0 GROUNDWATER POTENTIOMETRIC CONTOUR IN FEET (DASHED WHERE INFERRED)
 — GROUNDWATER FLOW DIRECTION

NOTES:
 1) * Unable to install MW-4 at location.
 2) ** Well on adjacent property.



CHEVRON FACILITY NO. 354916
 SCDEC FACILITY ID NO. 07605
 2116 BROAD RIVER ROAD, COLUMBIA, SC

WATER TABLE CONTOUR MAP
 NOVEMBER 2013

Job no.		354916	
Fig. no.	354916-007.dwg	Drawn	12/17/13
Checked	12/17/13	Figure no.	3
Approved	12/17/13	Scale	1"=50'
DATE	12/17/13		



LEGEND

- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- SOIL BORING
- △ 2011 SOIL BORING
- WATER
- OVERHEAD POWER LINE
- GAS LINE
- UNDERGROUND TELEPHONE LINE
- LIGHT POLE

WELL IDENTIFICATION	SAMPLE DATE
W-20 (11/10/11)	11/10/11
B = 35	BENZENE CONCENTRATION (ug/l)
T = 650	TOLUENE (ug/l)
X = 0.40	ETHYLBENZENE (ug/l)
Y = 0.40	TOTAL XYLENES (ug/l)
LABRE = 4.0	METHYL-TERT-BUTYL-ETHER CONCENTRATION (ug/l)
1,2-DCA = 0.011	1,2-DICHLOROETHANE CONCENTRATION (ug/l)
EDB = 0.16	ETHYLENE DIBROMIDE CONCENTRATION (ug/l)
N = 0.021	NAPHTHALENE CONCENTRATION (ug/l)
DPE = 0.045	DISOPROPYL ETHER CONCENTRATION (ug/l)
TBA = 0.011	T-METHYL ALCOHOL CONCENTRATION (ug/l)
LABE = 0.16	LABE CONCENTRATION (ug/l)
LABE = 0.16	LABE CONCENTRATION (ug/l)
LABE = 0.16	LABE CONCENTRATION (ug/l)

W-5 (11/20/13)	11/20/13
B = 2.3	BENZENE CONCENTRATION (ug/l)
LABRE = 1.3	LABRE CONCENTRATION (ug/l)
EDB = 0.097	ETHYLENE DIBROMIDE CONCENTRATION (ug/l)
N = 1.7	NAPHTHALENE CONCENTRATION (ug/l)
DPE = 1.7	DISOPROPYL ETHER CONCENTRATION (ug/l)
TBA = 2.700	T-METHYL ALCOHOL CONCENTRATION (ug/l)
LABE = 770	LABE CONCENTRATION (ug/l)

W-20 (11/21/13)	11/21/13
LABRE = 4.3	LABRE CONCENTRATION (ug/l)
1,2-DCA = 1.2	1,2-DICHLOROETHANE CONCENTRATION (ug/l)

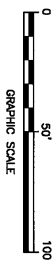
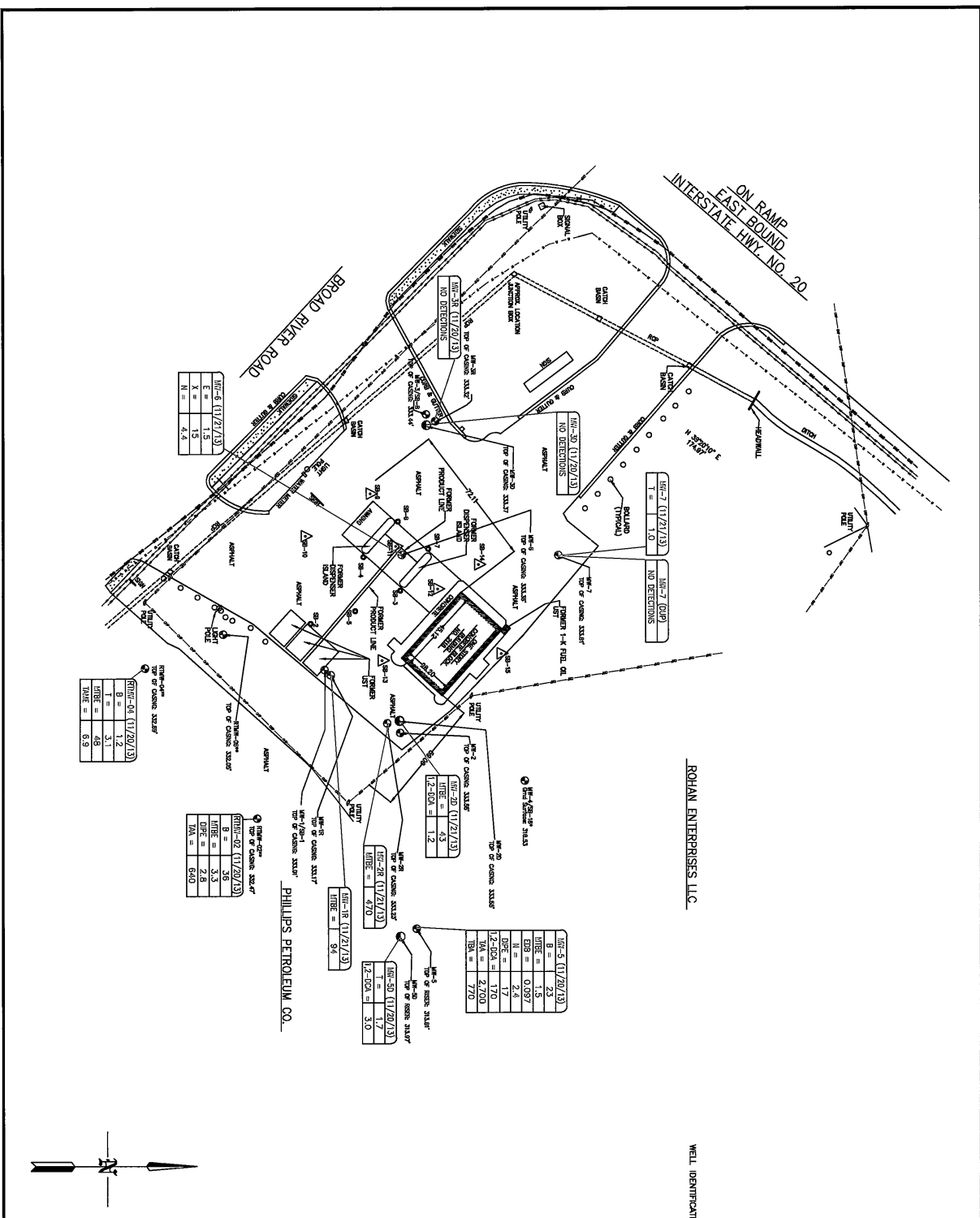
W-20 (11/21/13)	11/21/13
LABRE = 1.7	LABRE CONCENTRATION (ug/l)
1,2-DCA = 3.0	1,2-DICHLOROETHANE CONCENTRATION (ug/l)

W-18 (11/21/13)	11/21/13
LABRE = 3.5	LABRE CONCENTRATION (ug/l)
1,2-DCA = 4.70	1,2-DICHLOROETHANE CONCENTRATION (ug/l)

W-12 (11/20/13)	11/20/13
B = 3.5	BENZENE CONCENTRATION (ug/l)
LABRE = 2.6	LABRE CONCENTRATION (ug/l)
DPE = 6.50	DISOPROPYL ETHER CONCENTRATION (ug/l)

W-10 (11/20/13)	11/20/13
B = 1.2	BENZENE CONCENTRATION (ug/l)
LABRE = 4.5	LABRE CONCENTRATION (ug/l)
DPE = 6.9	DISOPROPYL ETHER CONCENTRATION (ug/l)

W-4 (11/21/13)	11/21/13
B = 1.5	BENZENE CONCENTRATION (ug/l)
X = 1.5	ETHYLBENZENE CONCENTRATION (ug/l)
Y = 4.4	TOTAL XYLENES CONCENTRATION (ug/l)



NOTES:
 * Unable to install MW-4 at location.
 ** Well on adjacent property.
 1) Only detections are shown on map.
 2) DUP = Duplicate Sample.

CHEVRON FACILITY NO. 354916
SCDHEC FACILITY ID NO. 07605
 2116 BROAD RIVER ROAD, COLUMBIA, SC

CONSTITUENTS OF CONCERN IN GROUNDWATER
 NOVEMBER 2013

leidos

job no. 354916
 file no. 354916-007.dwg
 drawn by JZ
 checked by JZ
 date 12/12/13
 CDR
 approved date 12/12/13
 GSE

figure no. 4



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

MR TOM CASSIDY
STAR WEALTH MANAGEMENT
PO BOX 1248
MARION IL 46952-1248

NOV 06 2013



Re: **Conditional No Further Action**
McQuick's Oil Lube, 2121 Broad River Rd., Columbia, SC
UST Permit #10130
Release Reported October 3, 1995
Monitoring Report Received October 10, 2013
Richland County

Dear Mr. Cassidy:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (Agency) has reviewed the referenced report. Based on data obtained from the risk-based assessment and verification monitoring, the above referenced UST release does not present a significant threat to human health or the environment. Therefore, no further action regarding this release will be required at this time. This decision is based on the following assumptions and conditions:

Assumptions and Conditions:

- 1) The property on which the UST release occurred and properties adjacent to the site are currently commercial/residential and are reasonably anticipated to remain commercial/residential in the future based on existing zoning ordinances.
- 2) Groundwater is not currently being used and is reasonably anticipated not to be used in the future within the actual or predicted area of petroleum impact. The groundwater should not be used as a source of drinking water or for irrigation within the area of petroleum impact.
- 3) All petroleum chemicals of concern (CoC) associated with the referenced UST release are below the Site-Specific Target Levels (SSTL) in soil and ground water, and groundwater monitoring has verified that natural attenuation is occurring. Based on these site-specific conditions, the CoC will not exceed Risk Based Screening Levels (RBSL) at any potential receptors and/or exposure points.
- 4) Land use should not change (e.g., from commercial to residential) without notifying the Agency of the proposed use. Any site excavation activities may encounter petroleum-impacted soil that must be disposed of in a method approved by the Agency.
- 5) If CoC from the referenced release are detected at levels that present a risk to human health or the environment, this office, under authority established in the South Carolina UST Control Regulations (SCUSTCR) R.61-92 Part 280, may require additional site rehabilitation.
- 6) This correspondence does not exempt the UST system from any additional requirements (e.g., notification, operation, release detection, and closure) of the SCUSTCR, the SUPERB Act or any other non-UST activities where there may be Agency involvement.

- 7) The Agency will be notified within 30 days of any changes to any of the above assumptions and conditions until all petroleum constituents are at or below RBSL. If site conditions are changed without Agency approval, the owner or operator will be in violation of an Agency order enforceable pursuant to the 1976 Code Section 44-2-140.

The referenced release has been placed on a registry of releases in the Freedom of Information office. The release will remain on this registry until all petroleum CoC have attenuated by natural and biological means to the RBSL. If you choose to remove the release from the registry in the future, laboratory analysis must document that each CoC is at or below the RBSL. Samples may be collected from temporary or the existing permanent monitoring wells; however, these sampling and laboratory analytical costs will not be compensated from the SUPERB Account.

The Agency intends to report this closure to the United States Environmental Protection Agency. If for any reason you disagree with this decision not to require any further environmental rehabilitation activities, please contact me in writing within thirty (30) days of the date of this letter.

The following options are offered:

Option 1: You may choose to abandon all of the monitoring wells at this time. Should you choose to abandon the wells, a cost agreement will be approved for the abandonment activities. Upon approval and proper abandonment of the wells in accordance with South Carolina Well Standards and Regulations (R. 61-71), a final payment for cleanup actions associated with this release will be issued from the SUPERB Account. Please note that well vaults and pads must be removed from non-paved areas. In paved areas, the well vault may remain in place provided that the vault is filled with concrete to the pavement surface **or** the vault is filled with grout to the pavement surface and the vault cover is bolted down.

Option 2: You may choose to keep some or all of the wells for future monitoring in order to verify that the intrinsic remediation process has been successful in reducing all CoC concentrations below RBSL. The SUPERB Account will not be responsible for the future maintenance, monitoring, and abandonment of these wells. Additionally, the SUPERB Account will not provide compensation for future soil and/or groundwater sampling and/or laboratory analysis to document further natural attenuation to RBSL.

Please complete the attached option form and return it to my attention within 30 days from the date of this letter. On all correspondence related to this facility, please reference the UST Permit #10130. Should you have any questions, please feel free to contact me at (803) 898-0614 or fulmersb@dhec.sc.gov.

Sincerely,



Susan B. Fulmer, P.G., Hydrogeologist
Corrective Action Section
UST Management Division
Bureau of Land and Waste Management

enc: Options Form

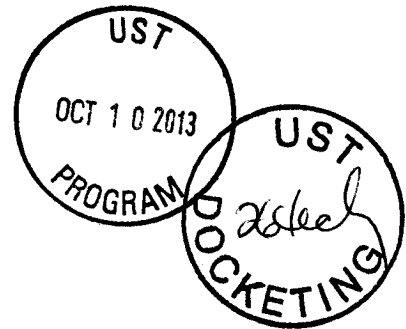
cc: Mr. Greg Force, Force & Associates, Inc., 147 Vera Rd., Ste. F,
Lexington, SC 29072 (w/ enc)
Technical File (w/ enc)

Force & Associates, Inc.

147 Vera Road, Suite F, Lexington, South Carolina 29072 (803) 359-3200 (803) 359-6682 fax

October 9, 2013

*Susan B. Fulmer, P.G., Hydrogeologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201*



*Re: Groundwater Monitoring Results
McQuick's Oil Lube, SCDHEC Site ID#10130; CA#45481
2121 Broad River Road, Columbia, SC*

Dear Ms. Fulmer:

Force & Associates, Inc. is pleased to submit the attached results from the groundwater monitoring event performed at the referenced facility.

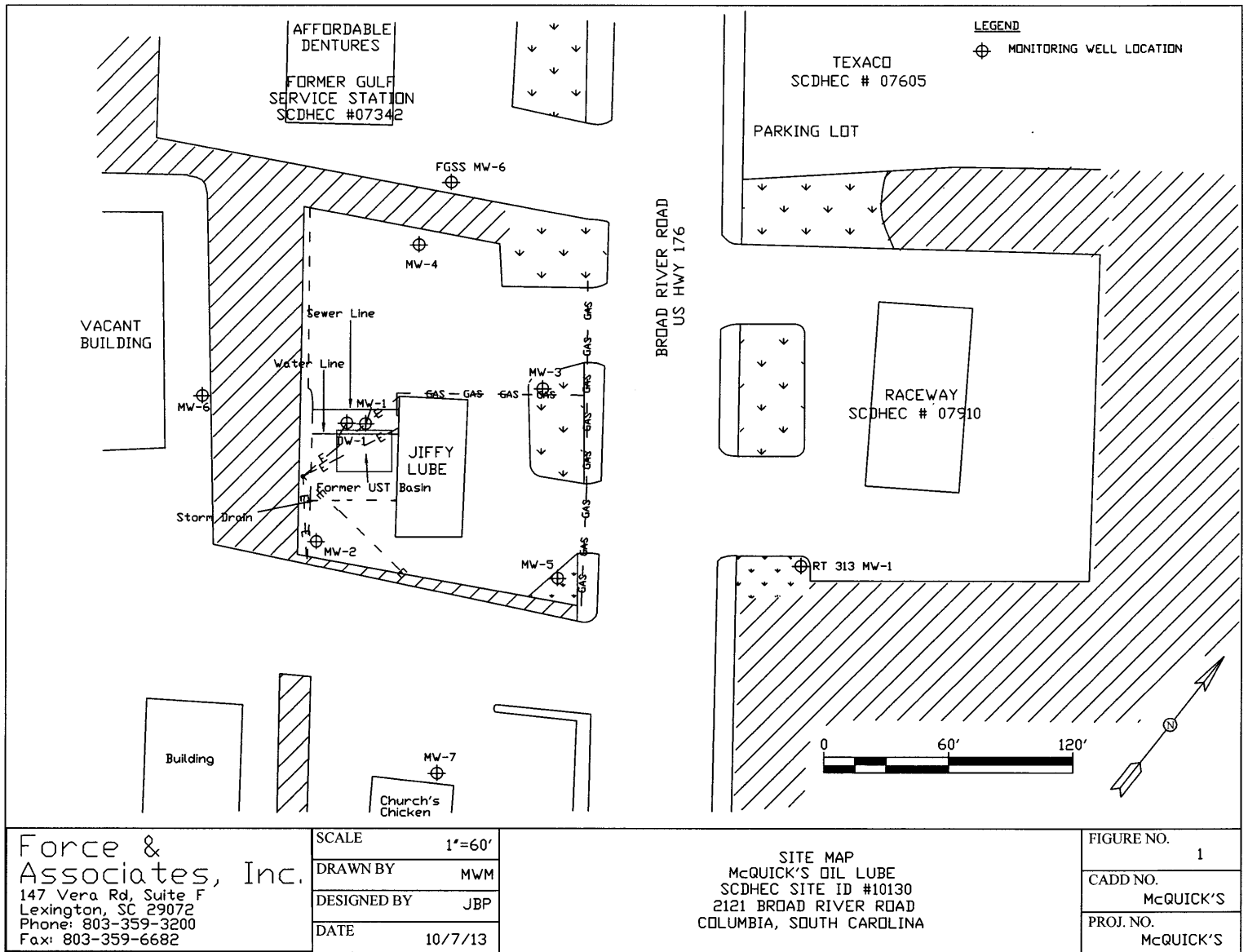
GROUNDWATER SAMPLING EVENT

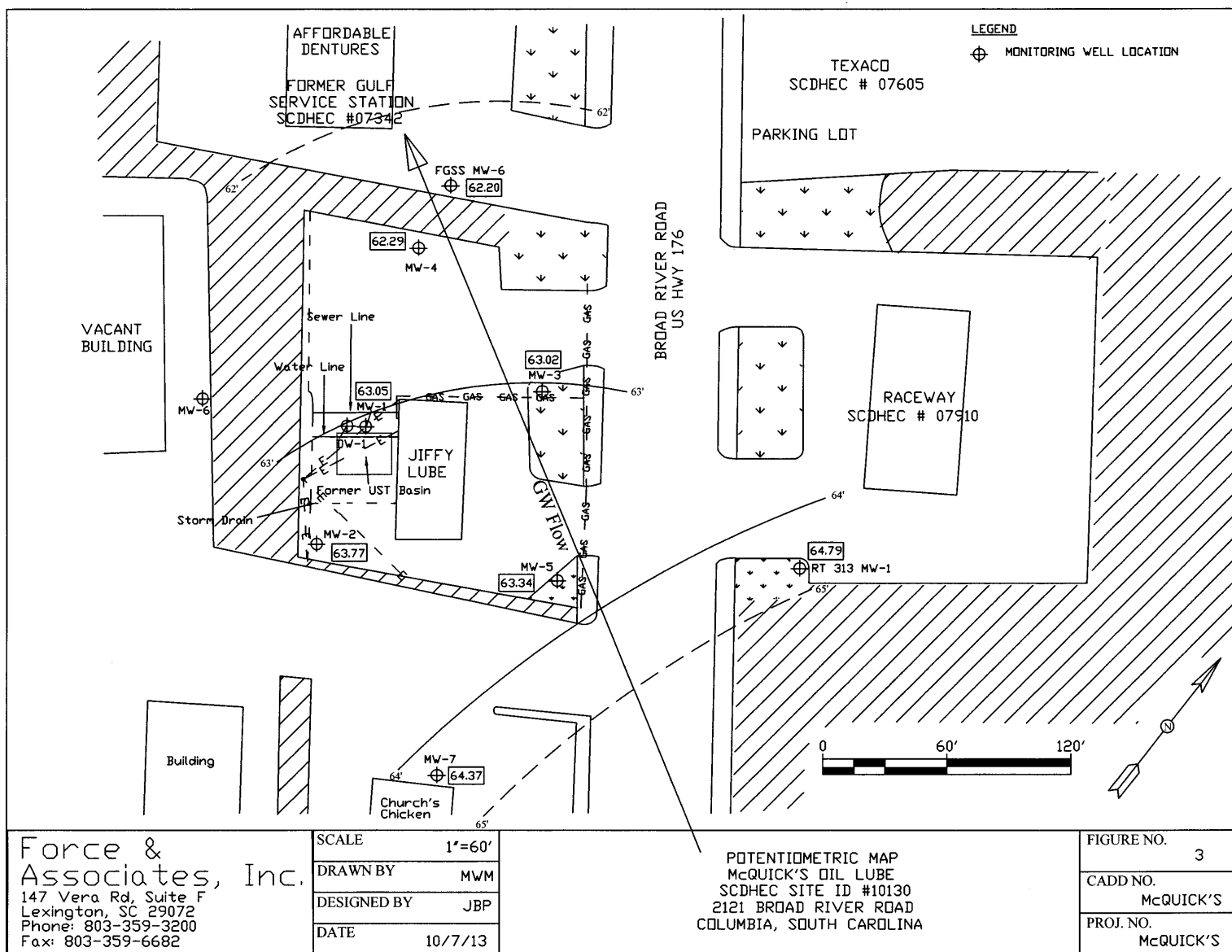
On October 1, 2013, the existing monitoring wells MW-1 through MW-7, RT 313 MW-1, FGSS MW-6, and DW-1 were sampled. The weather during the sampling event was sunny with an ambient air temperature of approximately 82°F.

A fresh pair of disposable nitrile gloves was donned by sampling personnel during the collection of each groundwater sample. Prior to sampling, the water level was gauged and recorded using an electronic water level indicator. Groundwater samples were collected using a disposal bailer after the wells were purged of a minimum of three well volumes or until they were bailed dry.

After each well volume was removed, pH, temperature, and conductivity measurements were recorded. To assure that groundwater representative of the aquifer was being recovered, groundwater samples were not collected until the field parameters for two consecutive well volumes were within 10%. The monitoring well and groundwater data is presented in Table 1 and field parameters recorded prior to sampling are presented in Appendix D. Historical groundwater data is presented in Table 2.

The samples from the monitoring wells were placed in appropriately labeled and preserved glass containers supplied by the laboratory, stored on wet ice, and shipped with the attached chain of custody to a South Carolina certified laboratory for analysis of benzene, toluene,







May 1, 2015



Sonya T. Utz, Hydrogeologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

RE: Groundwater Monitoring Report – March 2015
Former Gulf Service Station No. 24132
2123 Broad River Road
Columbia, Richland County, South Carolina
SC DHEC UST Permit No. 07342
SC DHEC Cost Agreement No. 49569
URS Project Number: 38436909

Dear Ms. Utz:

On behalf of Atlantic Richfield Company (ARCO), a BP Products North America, Inc. (BP) affiliated company; URS Corporation (URS) is pleased to submit one copy of the *Groundwater Monitoring Report – March 2015* for the subject Site. The report provides results of the groundwater monitoring activities conducted on March 31, 2015.

If you have any questions regarding this submittal, please contact Brandt Morrow at (704) 716-0745 or brandt.morrow@urs.com.

Sincerely,
URS Corporation

Brandt Morrow, PG
Project Manager

cc: Greg Frisch, BP (ENFOS, electronic)
Dr. James Fields (hard copy)
URS Files (electronic)

URS Corporation - North Carolina
SouthPark Towers
6000 Fairview Road, Suite 200
Charlotte, NC 28210
Tel: 704.522.0330
Fax: 704.522.0063
www.urscorp.com

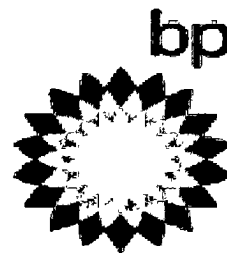
R E P O R T

GROUNDWATER MONITORING REPORT – MARCH 2015

**FORMER GULF SERVICE STATION NO. 24132
2123 BROAD RIVER ROAD
COLUMBIA, RICHLAND COUNTY,
SOUTH CAROLINA
SC DHEC UST PERMIT NO.: 07342
SC DHEC COST AGREEMENT NO.: 49569
URS PROJECT NO.: 38436909**

Prepared for:

**Atlantic Richfield Company
% BP Products North America, Inc.
4850 East 49th Street, Suite MBC-3
Room 155C
Cuyahoga Heights, Ohio 44125**



May 1, 2015

URS

**URS Corporation
6000 Fairview Road, Suite 200
Charlotte, North Carolina 28210
Tel. 704-522-0330
Fax 704-522-0063**

TITLE PAGE

Groundwater Monitoring Report – March 2015

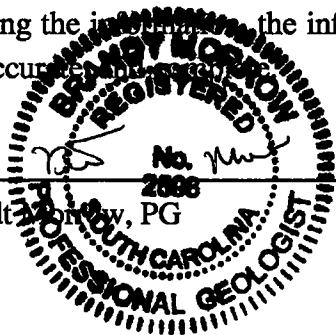
Former Gulf Service Station No. 24132

2123 Broad River Road
Columbia, South Carolina
SC DHEC UST Permit No. 07342

Site Name: Former Gulf Service Station No. 24132
Report Date: May 1, 2015
Responsible Party (RP): Atlantic Richfield Company
% BP Products North America, Inc.
4850 East 49th Street, Suite MBC-3
Room 155C
Cuyahoga Heights, Ohio 44125
(216) 416-1232
Attn.: Greg Frisch
Current Land Owner: James Fields
975 North Church Street
Spartanburg, South Carolina 29303
RP Consultant: URS Corporation
6000 Fairview Road, Suite 200
Charlotte, North Carolina 28210
(704) 522-0330
Site Risk Classification: Class 4AA
Release Information: Reported release in June 1993. Gasoline constituents are believed to originate from onsite sources.
Latitude: 34° 02' 17.27" N
Longitude: 81° 05' 33.75" W

This report was prepared under my direction or supervision. Based on my thorough inquiry of the person or persons who managed the investigation, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and reliable.

Brandt, John W., PG



#2598

SC License No.

Date

5/1/15

TABLE OF CONTENTS

Section 1	Introduction	1
1.1	Regulatory History	1
1.2	Facility Location and Description	1
1.3	Site History	2
1.4	Site Geologic/Hydrogeologic Setting	5
1.5	Potential Receptors	6
1.6	Limiting Conditions	7
Section 2	Groundwater Monitoring	8
2.1	Methods and Procedures	8
2.2	Groundwater Analysis Procedures	8
2.3	Quality Assurance/Quality Control	9
2.4	Investigation Derived Waste	9
Section 3	Results and Discussion	10
3.1	Groundwater Elevations	10
3.2	Groundwater Analytical Results	10
3.3	Historical Trends	10
3.4	Contractor Checklist	10
Section 4	Conclusions and Recommendations	11
4.1	Conclusions	11
4.2	Recommendations	11
Section 5	References	12

TABLE OF CONTENTS

TABLES

Table 1	Well Construction Details
Table 2	Groundwater Elevation Data (March 31, 2015)
Table 3	Groundwater Quality Field Parameters (March 31, 2015)
Table 4	Summary of Groundwater Results Compared to SC Primary Drinking Water Standards

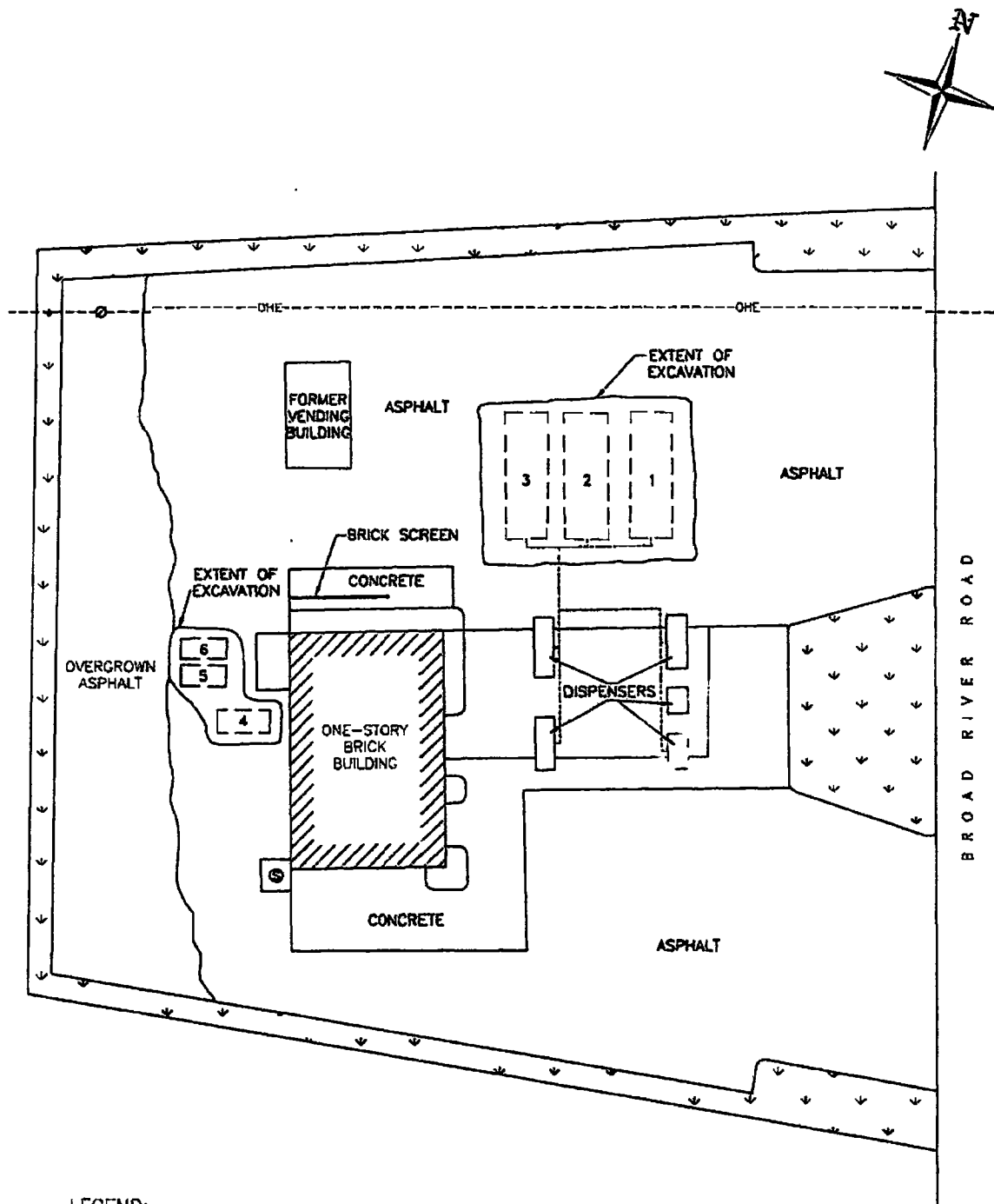
FIGURES

Figure 1	Location Map
Figure 2	Former Site Map
Figure 3	Site Map
Figure 4	Groundwater Contour Map (March 31, 2015)
Figure 5	Groundwater COC Map (March 31, 2015)

APPENDICES

Appendix A	Historical Groundwater Elevation Data
Appendix B	Field Sampling Sheets
Appendix C	Laboratory Analytical Report
Appendix D	Historical Groundwater Analytical Results
Appendix E	Contractor Checklist

P:\BP\CADD_URS\24132\April 2007\Figure 2.dwg April 25, 2007 - 1:21 PM



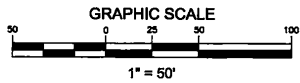
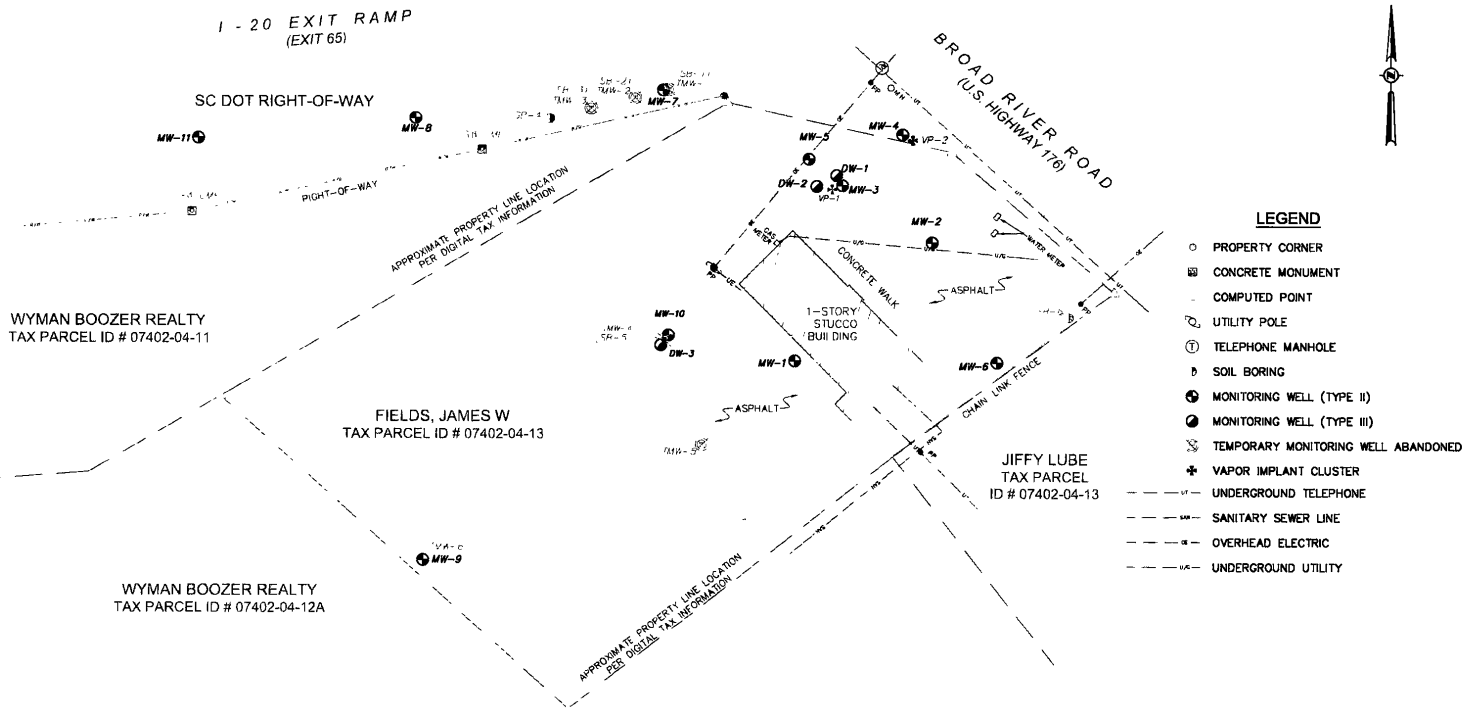
LEGEND:

- ↑ ↓ GRASS/VEGETATION
- ⊙ POWER POLE
- OHE --- OVERHEAD ELECTRICAL LINE
- ⊙ SEWER MANHOLE
- PRODUCT PIPING

0 30
APPROX. SCALE, ft.

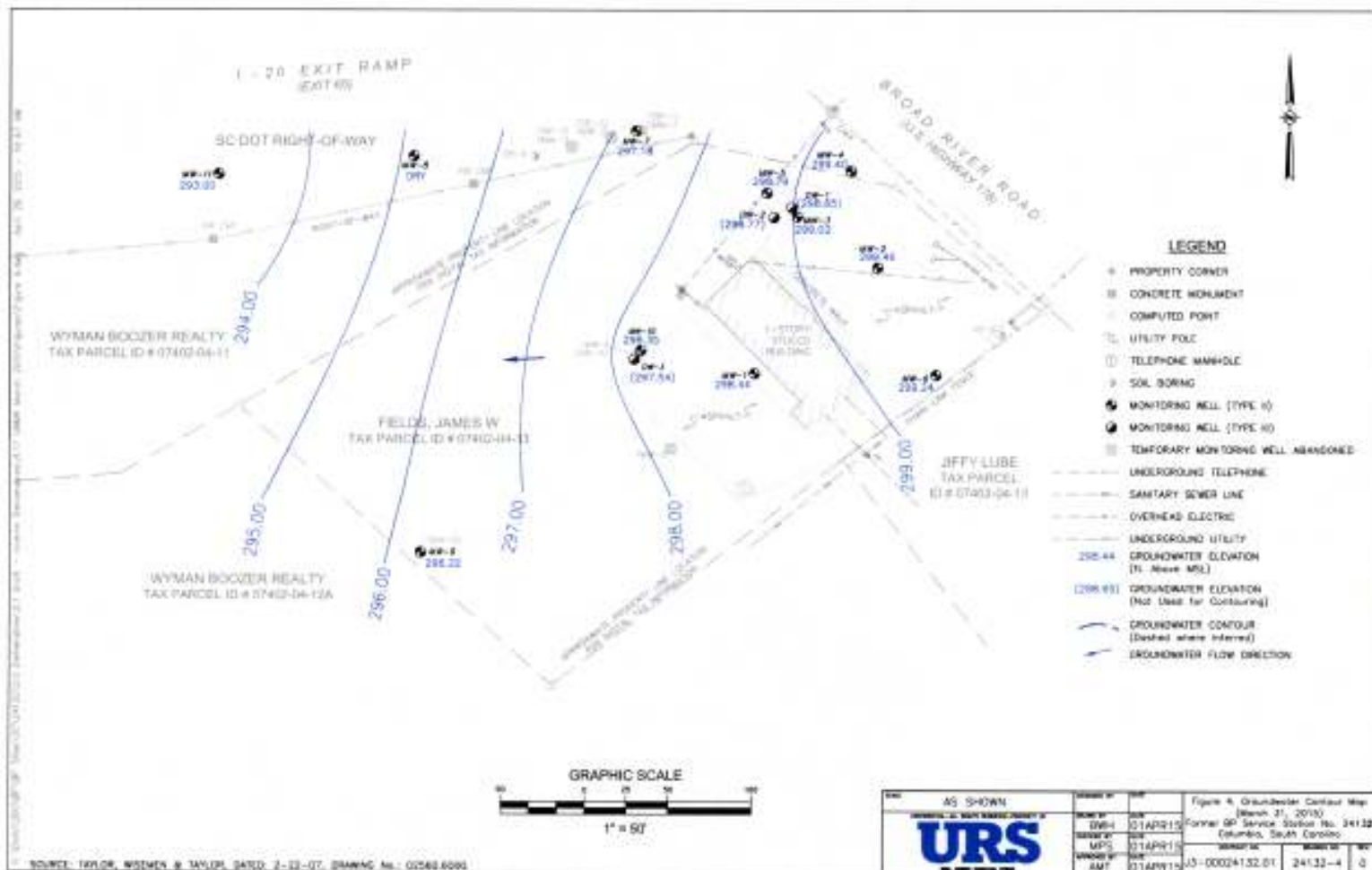
SCALE AS SHOWN		DATE		DRAWING TITLE	
CONFIDENTIAL--ALL RIGHTS RESERVED--PROPERTY OF		DRAWN BY TSH		DATE 25APR07	
URS		CHECKED BY AT		DATE 25APR07	
		APPROVED BY DH		DATE 25APR07	
		PROJECT NO. J300024132.01		DRAWING NO. 24132-2	
MAP SOURCE: ASSOCIATED ENVIRONMENTAL, INC., DRAWING: A93143-2.DWG		FIGURE NO. 0		FIGURE TITLE Figure 2. Former Site Map Former Gulf Station No. 24132 Columbia, South Carolina	

Q:\Data\2004\BP\Site\SC\24132\5.0 Deliverables\5.1 Draft - Interim Deliverables\4.7 DWG March 2015\Figure 3.dwg April 29, 2015 - 11:34 AM



SCALE AS SHOWN		DESIGNED BY	DATE
URS <small>UNIVERSITY RESEARCH SERVICES</small>		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		BP	01APR15
		MPS	01APR15
		AMT	01APR15
Figure 3. Site Map			
Former BP Service Station No. 24132			
Columbia, South Carolina			
CONTRACT NO.		DRAWING NO.	REV.
J3-00024132.01		24132-3	0

SOURCE: TAYLOR, WISEMEN & TAYLOR, DATED: 2-22-07, DRAWING No.: 02560.6000.



SOURCE: TAYLOR, WISMER & TAYLOR, DATED: 2-22-07, DRAWING NO.: 02560.6000

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: 07402-04-14
GRANTOR: McDuffee Property Investments, LLC
GRANTEE: Gilda Cioffi, LLC
BOOK: R-1809 **PAGE:** 1535
DATED: 07/18/2012 **RECORDED:** 11/02/2012

1.1.2 Previous Ownership:

TMS Number: 07402-04-14
GRANTOR: Star Investment Management and Trust Company K/N/A Star Wealth Management (successor Trustee for the amended and restated Edwin C. McDuffee Trust)
GRANTEE: McDuffee Property Investments, LLC
BOOK: R-1669 **PAGE:** 2953
DATED: 02/18/2011 **RECORDED:** 03/03/2011

TMS Number: 07402-04-14
GRANTOR: Bank One Trust Company, N. A. (successor by merger to NBD Bank, N.A., as Trustee for Edwin C. McDuffee)
GRANTEE: Star Investment Management and Trust Company (successor Trustee for Edwin C. McDuffee Trust)
BOOK: R-408 **PAGE:** 835
DATED: 04/26/2000 **RECORDED:** 05/12/2000

Sales History

Current Owner Name	Sale Date	V/I	Book/Page	Sale Price	Qual Code
GILDA CIOFFI LLC	11/02/2012	I	R1809/ 1535	\$365,000.00	9
GILDA CIOFFI LLC	07/30/2012	I	R1783/ 810	\$365,000.00	Q
MCDUFFEE PROPERTY INVESTMENTS	03/03/2011	I	R1669/ 2953	\$289,600.00	A
NBD BANK NA TRUSTEE	03/18/1996	I	D1306/ 465	\$5.00	9

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	2014	MINI-LUBE	1986	1.0	0	1.0	1922	1922
1	2013	MINI-LUBE	1986	1.0	0	1.0	1922	1922
1	2012	MINI-LUBE	1986	1.0	0	1.0	1922	1922
1	2009	MINI-LUBE	1986	1.0	0	1.0	1922	1922
1	2005	MINI-LUBE	1986	1.0	0	1.0	1922	1922

Structure Details

DL 1783/810
375/189K
96/209K

1924 b 1951

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BOOK: R-408 **PAGE:** 835
DATED: 04/26/2000 **RECORDED:** 05/12/2000

TMS Number: 07402-04-14

GRANTOR: E. C. McDuffee (AKA Edwin C. McDuffee)

GRANTEE: NBD Bank, N.A.

BOOK: D-1306 **PAGE:** 465

DATED: 03/14/1996 **RECORDED:** 03/18/1996

TMS Number: 07402-04-14

GRANTOR: Crown Stations, Inc.

GRANTEE: E. C. McDuffee

BOOK: D-781 **PAGE:** 960

DATED: 02/25/1986 **RECORDED:** 02/28/1986

TMS Number: 07402-04-14

GRANTOR: The Southland Corporation

GRANTEE: Crown Stations, Inc.

BOOK: D-746 **PAGE:** 206

DATED: 06/14/1985 **RECORDED:** 06/18/1985

TMS Number: 07402-04-14

GRANTOR: Citgo Petroleum Corporation

GRANTEE: The Southland Corporation

BOOK: D-723 **PAGE:** 832

DATED: 10/31/1984 **RECORDED:** 12/31/1984

TMS Number: 07402-04-14

GRANTOR: Cities Service Company

GRANTEE: Citgo Petroleum Corporation (FKA cities Service RMT Corporation)

BOOK: D-654 **PAGE:** 911

DATED: 06/25/1983 **RECORDED:**

TMS Number: 07402-04-14

GRANTOR: Mobil Oil Corporation

GRANTEE: Cities Service Company

BOOK: D-594 **PAGE:** 750

DATED: 11/02/1981 **RECORDED:** 12/02/1981

TMS Number: **07402-04-14**
GRANTOR: Bessie Inez Boozer and Wyman Boozer Realty
GRANTEE: Mobil Oil Corporation
BOOK: D-202 **PAGE:** 629
DATED: 03/29/1971 **RECORDED:** 03/29/1971

TMS Number: **07402-04-14**
GRANTOR: Carrie Nettie Quattlebaum and Missouri Meetze
GRANTEE: Bessie Inez Boozer
BOOK: 96 **PAGE:** 209
DATED: 09/12/1951 **RECORDED:** 07/29/1952

TMS Number: **07402-04-14**
GRANTOR: William R. Shealy, Jr.
GRANTEE: Wyman Boozer Realty
BOOK: 375 **PAGE:** 89
DATED: 12/31/1963 **RECORDED:** 12/31/1963

TMS Number: **07402-04-14**
GRANTOR: John H. Shealy, Lula S. Nelson and Julia S. Hendrix
GRANTEE: WM. R. Shealy
BOOK: 132 **PAGE:** 313
DATED: 04/03/1954 **RECORDED:** 04/24/1954

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: R07402-04-14
 Owner: GILDA CIOFFI LLC
 Address 1: 312 COMMONWEALTH DR
 Address 2:
 Address 3:
 City/State/Zip: NINETY SIX SC 29666
 Property Location/Code: 2121 BROAD RIVER RD

Tax Information

Year: 2016
 Property Tax Relief: \$0.00
 Local Option Sales Tax Credit: (\$539.47)
 Tax Amount: \$9,552.05
 Paid: Yes
 Homestead: No
 Assessed: \$21,900.00

Assessment Information

Year Of Assessment: 2017 Legal Residence: No
 Tax District: 1UR Sewer Connection: CITY
 Acreage Of Parcel: 0.57 Water Connection: CITY
 Non-Agriculture Value: \$202,800.00 Agriculture Value: \$0.00
 Building Value: \$162,200.00 Improvements: \$0.00
 Taxable Value: \$365,000.00
 Zoning: GC GENERAL COMMERCIAL

Property Information

Legal Description: 149.9
 175.2X120X29.9X42.4X145.7X #PR X-1459 RB1783-809
 Land Type: COMMERCIAL LAND

Sales History

Current Owner Name	Sale Date	V/I	Book/Page	Sale Price	Qual Code
GILDA CIOFFI LLC	11/02/2012	I	R1809/ 1535	\$365,000.00	9
GILDA CIOFFI LLC	07/30/2012	I	R1783/ 810	\$365,000.00	Q
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NBD BANK NA TRUSTEE	03/18/1996	I	D1306/ 465	\$5.00	9

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1	2012	MINI-LUBE	1986	1.0	0	1.0	1922	1922
1	2009	MINI-LUBE	1986	1.0	0	1.0	1922	1922
1	2005	MINI-LUBE	1986	1.0	0	1.0	1922	1922

Structure Details

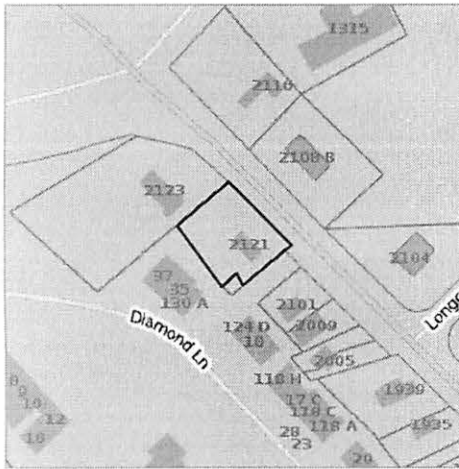
1942 B.A. Lowman
 558 | 13,817

~~DL 1783/809~~
~~375/89~~
~~96/209~~

1954 3/1951

2121 BROAD RIVER RD | R07402-04-14

Print



Address

Address	2121 BROAD RIVER RD
Municipality	Unincorporated
School District	Richland School District 1
Garbage Coll. Day	Monday
Recycling Coll. Day	Monday EOW-A
Yard Trash Coll. Day	Monday
Latitude	34.03779
Longitude	-81.09218
Elevation	334 ft

Census

Year	2010	2000	1990
Avg Hshld Income	\$45,938	\$43,500	\$32,940
Avg Home Value	\$126,200	\$88,500	\$71,700
Pop. Density (/sqmi)	0	536	558

Property

TMS	R07402-04-14
Owner	GILDA CIOFFI LLC
Beds	0.0
Baths	1.0
Heated Sqft	1,922
Year Built	1986
Tax District	1UR
Land Value	\$202,800
Building Value	\$162,200
Assessed Value	\$365,000
Last Sale	\$365,000 (11/02/2012)
Zoning	GC
Secondary Zoning	
Owner Occupied	No

Political

Voting Precinct	St. Andrews
Voting Location	St Andrews Middle
County Council Dist.	5
County Council Rep.	Seth Rose
SC Senate Dist.	20
SC Senate Rep.	John E. Courson
SC House Dist.	72
SC House Rep.	James E. Smith, Jr.
County Magistrate Dist.	COLUMBIA
County Magistrate	JUDGE PATRICK BARBER
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.