DRAFT PHASE I ENVIRONMENTAL SITE ASSESSMENT
THE BLEACHERY  a.k.a
FORMER ROCK HILL PRINTING AND FINISHING COMPANY
420 WEST WHITE STREET
ROCK HILL, SOUTH CAROLINA

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JUNE 14, 2010

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IC PROJECT NO.: 0038-001LS

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Principal Engineer
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1.0 EXECUTIVE SUMMARY

Irminger Consulting, Inc. (IC) was authorized on April 20, 2010, by Mr. Stephen S. Turner of the City of Rock Hill Department of Economic and Urban Development to conduct a Phase I Environmental Site Assessment (ESA) of the property located at 420 West White Street, Rock Hill, York County, South Carolina (Site or Property). IC personnel conducted the Site inspection portion of the Phase I ESA on May 13, 2010.

IC personnel conducted a reconnaissance of interior and exterior areas of the Site. The Site consists of one parcel and is located on the northeast quadrant of the intersection of Laurel Avenue and West White Street. The area of the parcel is approximately 23-acres and is improved with numerous low-rise buildings which total approximately 1.5 million square feet in area. The Site is improved with an idled textile mill named The Bleachery, which is also known as the Rock Hill Printing and Finishing Company.

The parcel slopes toward the north and was observed to have a surface water body near its northern border. The surface water body is a 2,000,000 gallon water reservoir which was used as process water at the former textile mill. The 2,000,000 gallon water reservoir and a portion of the water treatment plant are designated wetlands on the Fish and Wildlife wetland map.

Based on historical records, the southernmost portion of the Site was vacant land in 1905. Information regarding development of the northern half of the Site in 1905 was not readily available. By 1916, the Site was developed with several municipal roads, residences, two churches, and a wood yard. By 1926, the southeast corner of the Site had been improved with an automobile manufacturing company named Anderson Motor Car Company. In 1929, the Anderson Motor Car Company was replaced with the Rock Hill Printing and Finishing Company which expanded the manufacturing buildings to the west and to the north. The Rock Hill Printing and Finishing Company conducted bleaching and dyeing of cloth. The Site continued to be used as a textile mill until 1998 when operations ceased at the Site. In 2003, the Site was purchased by Environmental Land Augmentation, Inc. (ELA) who operated a small portion of the Site for offices and storage.
July 2009, the facility was partially destroyed by arsonists. In November 2009, ELA moved their offices offsite.

IC reviewed federal and state database lists for the Site address. The Site address was observed on the Federal Resource Conservation Recovery Act (RCRA) Non-generator of hazardous waste database. In addition, the Site address was observed twice on the Emergency Response Notification System (ERNS). One ERNS listing was for a spill of 15 gallons of poly-chlorinated biphenyl (PCB) containing oil to the soil or pavement of the Site. The second ERNS listing was for the spill of approximately 100 gallons of fuel oil to the storm drain. The Site address was observed on the South Carolina Leaking Underground Storage Tanks (LUST) database for four separate leaking tank incidents. The four LUST incidents have been remediated by the previous tenant, Springs Industries, Inc. and the incidents have received No Further Action status. The Site is listed twice on the registered Underground Storage Tank (UST) list. The Site address is also listed as a State Hazardous Waste Site (SHWS) and is on the Ground Water Contamination Inventory (GWCI).

The Site has been the subject of several environmental studies. Nineteen separate Areas of Concern (AOC’s) were investigated by Dames and Moore Group in September 1998. Initial assessment activities at the 19 AOC’s resulted in seven AOC’s requiring additional assessment and remediation. All of the AOC’s have received regulatory closure by the DHEC after full assessment and remediation.

A total of 22 AOC’s were identified by IC during a Phase 1 ESA conducted in October 2008. Of the 22 AOC’s, six were considered not to be REC’s associated with the Property, six were considered historically resolved (HREC’s), four were considered a de minimis condition (two de minimis conditions were also considered as historically resolved), and six were considered REC’s associated with the Site.

Since completion of the Phase 1 ESA report dated October 2008 prepared by IC, two of the REC’s listed in the previous report have been resolved and are now considered HREC’s. Two additional REC’s have been revealed as a result of the current assessment.
SUMMARY OF RECOGNIZED ENVIRONMENTAL CONDITIONS

1. Soil assessment activities in the chrome plating area reported soil contaminated with hexavalent chromium greater than the industrial use standard set by the EPA Region IX Remediation Screening Levels (RSLs).

2. An oil stain resulting from a damaged hydraulic elevator machine was observed on the ground floor of the Main Building. The elevator machine is located near the middle of the eastern wall of the Building. Oil from the machine may have impacted soil beneath the concrete floor slab at this location.

3. Interviews established that historical operations included a former dye house on the ground floor of the southwest corner of the Main Building. The floor of this area was observed to be in good condition. However, the floor includes numerous floor drains which are connected to a network of underground pipes which conveyed sanitary and process water to the north. Dye operations typically use inorganic solutions as colorants. Dissolved organic and inorganic contaminants may have seeped into the ground beneath this room through joints of the clay sanitary sewer pipes.

4. IC observed sanitary sewer pipes beneath the ground floor of the building at several locations. The pipe construction material is observed to consist of vitrified clay. These types of pipes are prone to leakage at joints. The dye house areas and areas downstream of the dye houses may have introduced dissolved organic and inorganics to the subsurface through leaks in the underground clay piping.

5. Analysis of a groundwater sample collected from an interior monitoring well (EW-2) in May 2010, was reported with trichlorethene at concentrations greater than the EPA Maximum Contaminant Level (MCL). Analysis of a water sample collected from a flowing underground storm drain near the western exterior wall of the Main Building (sample location MH) in May 2010, was reported with a concentration of tetrachloroethene greater than the EPA MCL. The sources of the chlorinated solvents are unknown and remain unassessed.
6. Groundwater concentrations of volatile and semi-volatile parameters have been reported on the Site and within 100-feet of the Site boundary at concentrations greater than the OSWER Draft Vapor Intrusion Tier 1 Screening Levels for presumption of a vapor intrusion hazard.

No other REC’s were revealed during the assessment. Several areas of de minimis REC’s and historically resolved REC’s were observed at the Site and are listed in Table 3. No offsite REC’s associated with the Site were observed.

RECOMMENDATIONS

The following recommendations are presented in order of the REC’s listed above.

1. No work is required at the location of the hexavalent chromium contaminated soil because it is currently inaccessible. In the event the soil becomes accessible during future demolition activities, IC recommends that the soil with a concentration greater than the Industrial Use RSL be excavated and disposed offsite at an appropriately permitted facility. The estimated cost for soil disposal is approximately $20,000.

2. Two soil samples should be collected from beneath the concrete slab in the area of the oil stain originating from the elevator machine. The soil samples should be analyzed for Total Petroleum Hydrocarbons and Poly-chlorinated biphenyls (PCB’s). The estimated cost for this work is approximately $2,000.

3. Soil beneath the dye rooms of the facility should be tested for TAL metals. IC recommends that three soil samples be collected from each dye room. The soil samples should be collected near the floor drains located nearest the former dye machines. The estimated cost for this work is approximately $3,500.

4. IC recommends that integrity of the sanitary sewer lines be indicated by the analysis of soil samples collected from two soil borings to be advanced near the large diameter sanitary sewer lines at the northwest corner of the Main Building. The soil samples should be
analyzed for volatile and semi-volatile organic parameters and for TAL metals. The estimated cost for this work is approximately $4,000.

5. Assessment of the organic and inorganic parameters reported in the groundwater samples collected May 12, 2010 from well EW-2 and from the drain location designated MH should be conducted in upgradient directions from the sample locations. IC recommends that two wells be installed in the oven room and two wells be installed in the former dye room in the southwest corner of the Main Building. In addition, IC recommends that prior to installation of the wells in the dye house, water from subsurface drains (estimated seven separate drain locations) observed in this area be collected for laboratory analysis of VOC’s. Subsequent groundwater samples should be tested for VOC, semi-VOC, and TAL metals parameters. The estimated cost for this work is estimated at $18,000.

6. The vapor intrusion hazard may be quantified using soil gas sampling procedures in the areas near groundwater contamination. However, IC recommends that the vapor intrusion hazard be mitigated using engineering or institutional controls implemented during redevelopment of the Site. Engineering control options range from placement of vapor barriers to installation of passive or active vapor collection systems. Institutional controls may exclude residential development from the ground floor of selected contaminated areas on the Site.

7. Based on the extensive history of industrial activity at this Site and the possibility for unseen conditions which may become revealed at a later date, IC recommends that Prospective Developers and Purchasers of the Property obtain the regulatory and liability protections afforded through the Brownfields program administered by the South Carolina DHEC. A Brownfields Agreement between the Prospective Developer and the DHEC removes Superfund liability associated with historical contamination at the Site. Acceptance into the program must be accomplished prior to taking ownership of the Property. Brownfields Assessments generally require significantly more assessment than typical Phase 2 ESA due diligence recommendations such as contained within this report.

No other work is recommended at this time.
The following table summarizes the findings of the significant elements of this investigation.

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TBD: To Be Determined
2.0 INTRODUCTION

The following sections describe the background information for the assessment.

2.1 PURPOSE

Irminger Consulting, Inc. (IC) was authorized by Mr. Stephen Turner of the City of Rock Hill (Client) to perform a Phase I Environmental Site Assessment (ESA) of one parcel of land located at 420 West White Street, in Rock Hill, York County, South Carolina (Site). The purpose of this Phase I ESA was to identify recognized environmental conditions (RECs) in connection with the Site to the extent feasible pursuant to the processes prescribed in the American Society for Testing and Materials (ASTM) Standard Practice E 1527-05 for Phase I ESAs and the EPA All Appropriate Inquiry (AAI). ASTM Standard E1527-05 defines REC’s as:

“The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public 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 SCOPE OF SERVICES

IC’s scope of services for this project is that described by ASTM E 1527-05 and AAI and generally consisted of the following:
• A review and documentation of reasonably ascertainable, publicly available, practically reviewable records from ASTM standard sources;

• A reconnaissance of the Site to visually and physically obtain information which might indicate the likelihood of REC’s on the Site or immediately adjoining properties;

• Personal or telephone interviews with the owner(s), occupant(s) or Key Site Manager of the Site as well as personal, written or telephone inquiries of Federal, South Carolina or local government representatives; and,

• Preparation of this Phase I ESA report.

No soil or surface/groundwater sampling, subsurface explorations or laboratory analyses were performed as part of IC's scope of services. Information regarding subsurface conditions can only be obtained by traditional subsurface exploration techniques and the collection and laboratory analysis of soil and surface/groundwater samples.

2.3 SIGNIFICANT ASSUMPTIONS

During performance of this Phase I ESA, IC has assumed that all verbal or written information or documents provided by Client or others in regard to the Site are current and correct.

2.4 LIMITATIONS AND EXCEPTIONS

IC's Site assessment was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same geographical area under similar circumstances and conditions. IC's findings and conclusions must not be considered scientific certainties. Instead, they represent our professional opinion regarding the significance of the limited data gathered during the course of the ESA. No other
warranty, expressed or implied, is made. Specifically, IC cannot represent that the Site contains no hazardous material, petroleum product or other latent condition beyond those visually or physically observed by IC during its Site reconnaissance. It should be noted that when an assessment is completed without subsurface explorations and laboratory analysis of environmental media, no opinion can be offered regarding latent subsurface conditions that may be the result of on- or off-site sources.

2.5 SPECIAL TERMS AND CONDITIONS

IC has performed the scope of services described in Section 2.2 (above), in accordance with the Terms and Conditions contained in the Consulting Agreement as executed and agreed to by Client. Our proposal and the referenced Consulting Agreement constitute the entire contractual agreement between IC and Client.

2.6 USER RELIANCE

This study and report have been prepared on behalf, and for the exclusive use, of The City of Rock Hill, solely for use in an environmental assessment of the Site. This report and the findings contained herein shall not, in whole or in part, be disseminated or conveyed to any other party, nor used by any other party in whole or in part, without the prior written consent of IC. However, IC acknowledges and agrees that the Report may be conveyed to the Lender/Borrower associated with the proximate purchase/sale/financing by our Client, to the extent set forth in our proposal.
3.0 SITE DESCRIPTION

3.1 SITE LOCATION

The Site address is 420 West White Street, Rock Hill, South Carolina (Site). The Site is located on the northeast corner of the intersection of West White Street and Laurel Avenue. The Site is bound by West White Street on the west, Laurel Avenue on the south, Stewart Street on the north and railroad tracks on the east. The Site location is shown on a street atlas as Figure 1 and on a portion of a United States Geological Survey (USGS) Topographic Contour Map as Figure 2.

3.1.1 LEGAL DESCRIPTION

A legal description of the Site was not readily available.

3.2 SITE AND VICINITY CHARACTERISTICS

The area of the parcel is approximately 23 acres and is improved with an idle textile mill. The Site includes a main manufacturing building which is an amalgam of approximately five contiguous buildings, and numerous separate buildings generally on the north side of the Main building. The Site includes a coal and oil-fired boiler house, water treatment facility, exterior bulk storage tanks, foundry, storage buildings, guard houses, offices, warehouses, and buildings which had been used for dye and bleach textile processes. The Site slopes gently to the north.

The Site vicinity land use is generally a mixture of industrial and residential.

3.3 CURRENT SITE USE
The Site is currently idle. A portion of the southwest corner of the main building which had recently been used for offices of Environmental Land Augmentation, Inc., is currently vacant.

3.3.1 SITE IMPROVEMENTS

Lot Size: approximately 23 acres

Number of Buildings: The Site contains one large multi-story manufacturing facility, a boiler house, water treatment plant, and numerous small exterior buildings. The total area under roof is approximately 1,500,000 square feet. The oldest building is the southeast portion of the Main Building, which was constructed in approximately 1926. The approximate location of the buildings is shown on a Site Layout as Figure 3. The majority of the buildings appear to be of concrete and steel construction with an exterior finish of unpainted brick. The buildings are constructed with flat and pitched roofs. Asphalt shingles cover the pitched roofs. The flat roofs are constructed of tar and gravel.

Electricity: Electricity is supplied to the Site by the City of Rock Hill.

Natural Gas: The site is no longer provided natural gas service.

Heating and cooling: The Site is no longer equipped with active heating and cooling services. The multi-story building at the southwest corner of the Site is equipped with heating and cooling equipment consisting of roof top package units.

Potable Water: The Site is provided municipal water by the City of Rock Hill.

Sewer: Sewer service is provided to the Site by the City of Rock Hill.

Access: The Site is accessible from Laurel Avenue, two entrances from West White
Street and three entrances from Stewart Avenue.

Other Improvements: Other portions of the Site are improved with asphalt surfaced parking lots.

3.4 CURRENT ADJOINING PROPERTY USE

<table>
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<tr>
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<th>PROPERTY</th>
<th>TOPOGRAPHIC GRADIENT</th>
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<tr>
<td>South adjoining</td>
<td>A textile mill owned and operated by Springs Global US, Inc.</td>
<td>Up and cross gradient</td>
</tr>
<tr>
<td>East adjoining</td>
<td>A railroad track, beyond which are residential properties.</td>
<td>Up and cross-gradient</td>
</tr>
<tr>
<td>North adjoining</td>
<td>Stewart Avenue, beyond which are residential properties.</td>
<td>Down and cross gradient</td>
</tr>
<tr>
<td>West adjoining</td>
<td>White Street, beyond which is a cemetery.</td>
<td>Down and cross-gradient</td>
</tr>
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</table>
4.0 INFORMATION FROM CLIENT

4.1 CHAIN OF TITLE

IC was not provided a chain-of-title for the Site by Client.

4.2 ENVIRONMENTAL LIENS/ACTIVITY AND USE LIMITATIONS

Client did not provide IC with any information regarding environmental liens against the Site or information related to activity and use limitation for the Site.

4.3 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

Client did not provide IC with information regarding any environmentally imposed valuation reduction for the Site.

4.4 OWNER/PROPERTY MANAGER/OCCUPANT INFORMATION

Based on information from the York County Register of Deeds, the property is currently owned by RHP&F, LLC %ELA

4.5 REASON FOR PERFORMING PHASE I ESA

IC has performed this Phase I ESA on behalf of Client to assess the presence of REC’s associated with the Site in preparation for a real estate transaction. It is our understanding that the Client is a prospective purchaser.
4.6 OTHER

The Client did not provide IC with other documentation for this assessment.
5.0 RECORDS REVIEW

5.1 PHYSICAL SETTING SOURCES

The following sections describe the physical setting of the Site.

5.1.1 USGS 7.5-MINUTE TOPOGRAPHIC MAP

IC obtained a copy of the USGS 7.5-minute topographic map, Rock Hill quadrangle, dated 1996. A copy of a portion of the topographic map showing the Site location is provided on Figure 2. The results of our review of this map are presented below.

Site Elevation: Approximately 650 feet above mean sea level (msl).

Area Gradient: Based upon the topographic contours observed on the USGS topographic contour map, the surface gradient in the vicinity of the Site is generally toward the northwest.

Site Gradient: The surface of the Site slopes toward the northwest.

The Site is shown improved with the current buildings, water reservoir, and water treatment plant. The map shows abbreviations for water tanks and an electrical substation on the north side of the property. The eastern Property line is shown to adjoin the Norfolk Southern Railroad tracks.

5.1.2 SOIL SURVEY

According to the August 2006, Soil Survey of York County, the surficial Soil at the Site consists of Cecil Sandy Loam. The extreme northern end of the property consists of Lloyd Loam. Both soil groups are described as well drained soil with
slopes of 2 – 6 percent. Copies of the Soil Survey information are contained in Appendix A.

Site Geology: According to the Geologic Map of South Carolina 1985, the Site is located in the Charlotte Terrane of the Piedmont physiographic zone. Rocks of the Charlotte Terrane are generally igneous granitic intrusives and smaller occurrences of metamorphosed volcanic sequences. In the vicinity of the Site, bedrock consists of Late Proterozoic to Cambrian metadiorite and metagranitoid rocks.

Overlying the metamorphic rock is typically a thin layer of red saprolite. Saprolite is defined as soft, earthy, clay-rich, thoroughly decomposed rock formed in place by chemical weathering of igneous and metamorphic rocks. The term is applied to any unconsolidated residual material underlying the soil and grading to bedrock below.

5.1.3 WATER RESOURCES

Groundwater occurs in perched aquifers of the saprolite and in larger quantities in the fractured porosity of the bedrock. Generally, wells utilize the bedrock aquifer for potable use, however, water bearing zones within the saprolite can be of sufficient quality and quantity to be utilized as a potable water source.

The nearest surface water body is the onsite water reservoir. The nearest offsite water body is an unnamed creek located approximately 500-feet northwest of the Site.

Based on the Federal Emergency Management Agency Flood Insurance Map Panels Number 4501960316C, dated September 26, 2008 and 4501960317E dated September 26, 2008, the Site is located in Zone X which are areas outside the 100 and 500 year flood zones. A copy of the flood maps are contained in Appendix A.
5.2 HISTORICAL SITE USE

IC obtained and reviewed historical Site and adjoining property use information from sources identified in the following sections. A Sanborn Fire Insurance Map from 1905 identifies the extreme south edge of the Site as vacant. A map from 1916 shows the Site developed with municipal streets, residences, two churches, and a wood yard. By 1926, the southeast corner of the Site was improved with a manufacturing facility owned and operated by the Anderson Motor Car Company. In 1929, the manufacturing facility became a textile mill for the Rock Hill Printing and Finishing textile manufacturing plant. The primary processes at the facility were the bleaching and dyeing of cotton and polyester blend fabrics. By the 1940’s the Rock Hill Printing and Finishing facility had expanded to the west to West White Street and to the north to Stewart Avenue and employed almost 2,000 people.

The printing and finishing facility utilized large quantities of hot water in the bleaching process. An onsite coal-fired boiler was used to heat raw water pumped from the Catawba River after it had been filtered in the onsite water treatment plant. In 1938, company records reported the monthly water usage was 113,000,000 gallons. In 1951, the boilers were consuming 350 tons of coal per day. The coal plant was expanded in 1955. In the 1990’s, the plant included fuel oil and propane (which was converted to natural gas onsite) as fuel sources. The coal plant did not store or use bulk chemicals in its processes. An underground storage tank of diesel was used to heat fuel oil so that it would flow. Drums of lubricants and grease were observed within the boiler house. All of the drums were observed on the second floor. The first (ground) floor was unavailable for inspection due to being flooded with groundwater. The Key Site Manager, Mr. Barney Nichols, stated that the ground floor of the Boiler House did not contain drums or other containers of chemicals.

The facility treated its own raw water source, obtained from the Catawba River, in a filtration plant located on the northeast corner of the property. The treatment plant treated the raw water from the Catawba River by a succession of sand filters, clarifiers, and by pH adjustment. It is our understanding that the effluent from the water treatment plant was directed to the 2,000,000 gallon reservoir. The water treatment plant was constructed in the
1930’s and was added to the National Registry of Historical Structures in March 2008. Chemicals used in the water treatment plant typically consisted of pH adjustment and anti-scale chemicals. These chemicals were loaded to the facility from the west side door and then raised in an elevator to the third floor where the chemicals were metered and gravity drained into the raw water. Since the chemicals used in the water treatment processes are not considered environmentally persistent, and they were stored on the third floor of the building; their use is not considered an REC associated with the Property.

IC observed records of three fires at the facility. The first two fires occurred in 1954 and 2007. Both fires occurred in the main process building. Damage to the building in 1954 was quickly repaired. The damage from the 2007 fire remains unrepaired. No records of chemical or petroleum spills during the fires were observed.

The third fire occurred on July 2, 2009, in the main process building. The fire was started by arsonists using gasoline as an accelerant. The fire did extensive damage to the top two floors and the roof of the east-central portion of the main building. No spills of hazardous substances were reported during the fire. Damage to known asbestos containing materials was documented and will be addressed during demolition activities proposed in 2009.

The property continued operation as a bleaching and dyeing facility until 1998 when all operations at the facility ceased. In 2003, Environmental Land Augmentation developed the southwest corner of the Main building for use as office space. Metal salvage operations have been ongoing at the facility since its closure in 1998; however, the structures have remained essentially unchanged.

The following sections identify areas of concern (AOC) that warrant additional non-intrusive study. The AOC’s are compiled on a Site Layout as Figure 4 as they are encountered in the study. A list of the AOC’s is compiled in Table 1. The accumulated information and recent assessment data is then reviewed to determine whether or not an AOC qualifies as an REC.
5.2.1 CHAIN OF TITLE

Based on the information obtained from the York County Tax Assessor’s office, the current owner is RHP&F LLC who obtained the property in 2003. Previous title exchanges were not readily accessible at the Register of Deeds office.

A copy of the property information obtained from the York County Tax Assessor’s office is provided in Appendix A.

5.2.2 HISTORICAL AERIAL PHOTOGRAPHY


Date: 1960
Approximate Scale: 1”=1,320’

The quality of this photograph is poor. The Site appears to be developed with the current structures except for the office building. There are three dark rectangles along the northern property line. The easternmost rectangle is the water reservoir currently at the site. The other two rectangles appear to be dark-roofed buildings.

The property to the north appears to be developed with the current manufacturing facility. The Norfolk Southern railroad is present to the east, beyond which are residences. South of the Site is Stewart Avenue, beyond which are residences. To the west of the Site is West White Street and Laurenwood Cemetery.

Date: 1976
Approximate Scale: 1”=1,320’

The quality of this photograph is very poor. The water reservoir along the northern property line is discernible. The two dark rectangles shown on the 1960 photograph
are not evident on this photograph.

The Site vicinity appears similar to conditions recorded in the 1960 aerial photograph.

Date: 1984  
Approximate Scale: 1”=1,320’

The 1984 photograph is of poor quality. The Site and Site vicinity appear similar to conditions recorded in the 1976 photograph.

Date: 1994  
Approximate Scale: 1”=1,320’

The 1994 aerial photograph is of medium quality. The office building has been constructed. The electrical substation is visible on the northern portion of the facility. The area immediately north of the substation appears to be bare soil. The large fuel oil tank observed on the day of the Site visit is not visible on the 1994 photograph.

The Site vicinity appears similar to conditions recorded in 1984.

Date: 1999  
Approximate Scale: 1”=500’

This high quality aerial photograph shows the Site and Site vicinity to be similar to conditions recorded in 1994 except that the two storage tanks observed in the 1994 photograph are not present and the single large aboveground storage tank currently onsite is visible.

A dark stain on the asphalt parking lot trends from the Rock Hill sewer lift station to the extreme northwest corner of the property.
Based on our review of the readily available aerial photographs, the Site has been subject to industrial activity from at least 1960 to 2009. While the aerial photographs indicate the presence of tanks and industrial processes on the Site, no direct indications of REC’s are observed. However, AOC’s on the aerial photographs that warrant additional non-intrusive investigation were identified and are included on Figure 4. A listing of the AOC’s in contained in Table 1.
5.2.3 SANBORN FIRE INSURANCE MAPS

IC obtained copies of historical Sanborn Fire Insurance Maps for the Site from Environmental Data Resources, Inc. (EDR) and from the South Carolina University Library Archives. The maps were recorded in years 1900, 1905, 1910, 1916, 1926, 1929, 1949 and 1963. Copies of the Sanborn Maps are located in Appendix C. The following sections describe observations of the Sanborn Fire Insurance Maps.

Date: 1900                  Approximate Scale: 1”=100’

This Sanborn Map is recorded of the property adjoining the southern Site boundary. The 1905 Sanborn Map shows the property south of the Site to be developed with the Rock Hill Buggy Company Factory. The Rock Hill Buggy Factory is shown to have a building along Laurel Street which is indicated to have been used for painting and finishing. No fuel or chemical storage locations are indicated by the Sanborn Map. Other structures on the south side of Laurel Street are indicated to be dwellings. Lettering on the edge of the Sanborn Map, on the north side of Laurel Street, indicates that this portion of the Site is Vacant.

Date: 1905                  Approximate Scale: 1”=100’

This Sanborn Map is similar to conditions recorded on the 1900 Sanborn.

Date: 1910                  Approximate Scale: 1”=100’

This Sanborn Map shows the Property south of the Site to be improved with the Rock Hill Buggy Company and residential dwellings. The map appears similar to conditions recorded on the 1905 Sanborn Fire Insurance Map.

Date: 1916                  Approximate Scale: 1”=100’
This Sanborn Map is of the southern half of the Site and shows the Site to be developed with several municipal roads and dwellings. The east-west trending roads (from south to north) are Laurel Avenue, and Buena Vista Avenue. The north-south trending roads (from east to west) are Railroad Place and Adams Street. There is an unnamed alley in between Railroad Place and Adams Street. The northernmost portion of the map shows an onsite structure along the railroad labeled “Wood Yard”. South of the Site, across Laurel Street, the Sanborn Map is blank; however, text on the map indicates that the property is improved with Hamilton-Carhart Mill Number 1.

Date: 1926

Approximate Scale: 1”=100’
along White Street approximately 60-feet from the Site boundary.

Adjoining the Site to the south, across Laurel Street, are more buildings of the Anderson Motor Company. Approximately 200-feet south of the Site is the Anderson Motor Company boiler, engine, and fuel rooms. Also across Laurel Avenue from the Site are dwellings and a boarding house. Approximately 1,000 feet northwest of the Site are the Rock Hill Gas Company and the Dixie Gas Company facilities. Across West White Street from the Site and south of the City Yard is Laurelwood Cemetery.

Areas of concern identified in the 1926 Sanborn Fire Insurance Map are the onsite Wood Yard containing a gasoline powered engine and the offsite gasoline tank at the City Yard. The Anderson Motor Company boiler, engine, and fuel rooms are upgradient of the Site and are considered an AOC. These AOC’s are included on a Site Layout as Figure 4 and listed in Table 1. The Rock Hill and Dixie Gas Company facilities are located downgradient and too distant to be considered an REC associated with the Site.

Date: 1949 Approximate Scale: 1”=100’

The 1949 Sanborn Fire Insurance Map shows the Site to be developed with the Rock Hill Printing and Finishing Company facility. The map indicates that all of the residential dwellings on the Site have been removed. The factory buildings are generally located east of Adams Road which has been extended north to Stewart Avenue. The western portions of Buena Vista Avenue and Ivey Avenue are present. The southernmost portions of the Main Building are used for warehousing and folding. A Machine Shop is located near the corner of Buena Vista Avenue and Adams Road. The central portion of the Main Building contains the Bleachery, engraving room, dryers, and dye and print room. North of the Main Building are two elevated water towers, two air dispersion stacks, the boiler house, an ash dump, and an office building. Other buildings include a laundry and a foundry building. The
foundry building is indicated to have a dirt floor. A 250,000 gallon water reservoir is located north of the boiler house. Adjacent to the reservoir are two pumps. North of the reservoir is the location of the water treatment plant, however, the plant is only partially shown on the map. At the southeast quadrant of Adams and Stewart Avenue is a 2,000,000 gallon water reservoir. At the southwest corner of Adams and Stewart Avenue is a warehouse. At the corner of Stewart Avenue and West White Street is the company store. The remainder of the Site between Adams Street and West White Street is labeled automobile parking.

South of the Site is Laurel Street, beyond which are warehouse buildings belonging to the Rock Hill Printing and Finishing Company. West of the Site is Laurelwood Cemetery and a dwelling.

The machine shop is located in the second floor of the Main Building and is not considered an REC associated with the Site.

Date: 1963 Approximate Scale: 1”=100’

The 1963 Sanborn Fire Insurance Map is similar to the 1949 Map except that a Mill and Office building has been constructed at the southwest corner of the facility. A guard shack has been constructed at the corner of Buena Vista Avenue and West White Street. South of the 2,000,000 gallon reservoir are numerous tanks labeled turpentine, oil, resin, and caustic acid. A shed has been constructed southeast of the 2,000,000 gallon water reservoir. Adams Street has been replaced by a parking lot. The parking lot has a small office building in its center.

The tanks of turpentine, oil, resin, and caustic acid area are considered an AOC and are included on Figure 4 and Table 1.

5.2.4 CITY DIRECTORIES
IC attempted to review City Directories at the York County Public Library. No City Directories were available for the Site or Site vicinity.

5.2.5 HISTORICAL TOPOGRAPHIC MAPS

IC obtained a historical topographic quadrangle map of the Site dated 1949 from the University of South Carolina. The 1949 topographic contour map shows the Site to be improved with a large “L” shaped structure in the approximate position of the Main Building. No other buildings are shown on the Site.

5.3 STANDARD ENVIRONMENTAL RECORD SOURCES – FEDERAL

The following section is based on public information obtained from various Federal agencies that maintain environmental regulatory databases. These databases provide information about the regulatory status of a property and incidents involving use, storage, spilling or transportation of petroleum products or hazardous materials. Information was gathered by IC personnel and by Environmental Data Resources, Inc. (EDR).

Forty-nine Federal databases were reviewed by EDR and summarized to IC. A listing of the databases and the search radii from the Site is on page 4 of the EDR report which is provided in Appendix D. Based on the information in the EDR report, the Site address is listed on the Federal Resource Conservation and Recovery Act (RCRA) Non-generator’s List of hazardous waste and has two occurrences on the Emergency Response Notification System (ERNS).

RCRA – Generator

The EDR Report lists the Site address on the RCRA hazardous waste generator list as a non-generator. This classification is reserved for clean-ups of hazardous waste. No generation of hazardous waste is expected except for the handling and disposal of stored materials prior to demolition. The non-generator status was obtained in 2006. The facility EPA Identification Number is 1000585287.
The EDR report indicates that the Site address was previously a Small Quantity Generator and a Large Quantity Generator of Hazardous Waste. The report indicates that the following wastes were generated at the facility:

- D001 Ignitable wastes
- D002 Corrosive wastes
- D007 Chromium
- D008 Lead
- D009 Mercury
- D010 Selenium
- D012 Endrin
- D018 Benzene
- D035 Methyl ethyl ketone
- D039 Tetrachloroethene
- F001 Halogenated solvents
- F002 Halogenated solvents
- F003 Non-halogenated solvents
- F005 Non-halogenated solvents
- U122 Formaldehyde

The EDR report indicates that the facility had two violations of the RCRA SQG permit in 1994. Both violations were “General” compliance issues. No reports of spills were indicated in the listing. The former RCRA SQG status of the Site is not considered a Recognized Environmental Condition (REC) since no spills were reported.

**ERNS**

The ERNS reports that on September 29, 1990, the facility reported a spill of polychlorinated biphenyls (PCB’s) to concrete and soil of the Site. The reported quantity spilled was 15 gallons of oil from a burst transformer. Notes to the incident state that a remedial crew was enroute to the Site for cleanup. No assessment
information has been reviewed by IC regarding the cleanup of PCB impacted soil. However, in IC’s interview with Mr. Barney Nichols, former Maintenance Manager for the Rock Hill Printing and Finishing Company, he reported that the cleanup included soil removal and confirmation sampling. The spill of PCB oil to the soil of the Site is considered a historically resolved REC.

The ERNS reports that on October 27, 1997, the facility reported a spill of 100 gallons of fuel oil from a leaking pump gasket to a storm water drain. No other information regarding the spill was available. Mr. Nichols stated that the storm drain conveyed the fuel oil to the unnamed creek located 500-feet northwest of the facility. He stated that the fuel oil did not impact the soil of the Site. Since the fuel oil was not allowed to seep into the ground of the Site, the 1997 ERNS incident is not considered an REC associated with the Site.

The Site address did not appear on any of the other Federal Databases reviewed. Several other facilities within the search radius were observed on the Federal Databases. They are detailed below.

CERCLIS-NFRAP
The National Fence Manufacturing Company facility is located approximately 500-feet northwest of the Site in a topographically lower position. The facility is listed on the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) as a No Further Remedial Action Planned (NFRAP) site. Based on the regulatory status and lower elevation of this facility, it is not considered an REC associated with the Site.

RCRA GENERATOR
There are three facilities listed on the EDR report as RCRA SQG’s. None of the facilities listed are an upgradient and adjacent property. Based on distance and topographic position, none of the three RCRA SQG facilities are considered an REC associated with the Site.
US BROWNFIELDS

One address within the search radius was identified on the EPA’s Brownfields properties list. These are properties with known or suspected environmental impact to soil or groundwater. The facility is identified as the Former Oakland Avenue Station, located at 104 Oakland Avenue, which is approximately 2,000 feet east-southeast of the Site in a cross-gradient hydraulic position. Based on distance and its cross-gradient direction from the Site, the Former Oakland Avenue Station facility is not considered an REC associated with the Site.

No other addresses were observed within the search radius of the selected federal databases.

5.4 STANDARD ENVIRONMENTAL RECORD SOURCES - SOUTH CAROLINA

Nineteen State databases were reviewed by EDR and summarized to IC. A listing of the databases and the search radii from the Site is on page four of the EDR report which is provided in Appendix D. Based on the information in the EDR report, the Site address is listed on the following South Carolina databases:

ALLSITES

The Site address is listed on the South Carolina Department of Health and Environmental Control (DHEC) Site Assessment and Remediation Public Record Database (ALLSITES). No other information is available in the database summary.

LUST

The Site address is listed on the South Carolina DHEC Leaking Underground Storage Tank (LUST) List. The DHEC LUST database reports that four separate releases were reported on July 1, 1998 in three separate areas on the Site. The three areas are referred to as Areas 1, 3, and 6 on Figure 5. Area 1 is a former gasoline
underground storage tank (UST) located near the pumps of the 250,000 gallon water reservoir. Area 3 is the location of a former gasoline UST and former Varsol UST immediately east of the solid waste compactor room. Area 6 is a former gasoline UST located along the south wall of the Main Building.

Based on file reviews conducted by IC on the LUST incident files at the DHEC Columbia office, the four releases have been fully assessed and have been modeled using Risk Based Corrective Action (RBCA) to determine site-specific corrective action endpoints at all four releases. The clean-up standard for the four incidents determined for continued Site use as an industrial use property was the removal of light non-aqueous phase liquids (LNAPL). All four incidents have been remediated and received No Further Action (NFA) status on April 27, 2009. The RBCA process does not require deed recorded Activity and Use Limitations (AUL’s). Based on the current regulatory status as resolved incidents with the State of South Carolina, these four LUST cases are considered HREC’s associated with the Site.

UST

The Site address is indicated to have seven Underground Storage Tanks (USTs) registered with the DHEC. The USTs are listed as three 12,000 gallon tanks containing mineral spirits, a kerosene UST of un-specified volume, and three gasoline tanks with volumes of 150, 500, and 2,000 gallons. The tanks are reported as being abandoned, however, the report does not state that the tanks were abandoned by removal or when the tanks were abandoned.

Mr. Barney Nichols, former employee of Springs Industries, stated that all of the USTs have been abandoned in place at the Property. He does not recall the Site having a kerosene UST.

GWCI

The Site address appears on the South Carolina Groundwater Contamination Inventory (GWCI). The entry is for groundwater contamination associated with a
leaking underground storage tank reported in November 1995. The incident is associated with the LUST incidents already discussed.

AIRS
The Site appears on the South Carolina Air Emissions Inventory database. The former operations maintained air permit 2440-012.

SHWS
The Site address appears on the State Hazardous Waste Sites (SHWS) database due to groundwater contamination resulting from the leaking underground storage tanks previously discussed.

No other State database listings were observed containing the Site address. Several addresses, however, were observed on the database reports within the search radii. These offsite addresses are detailed below.

SHWS
The South Carolina State Hazardous Waste Sites (SHWS) database lists four addresses within the search radius. Three of the listed addresses are located at topographically lower positions. The fourth facility is the Rock Hill Vitalization project which is located approximately 2,000 feet southeast of the Site. This facility is not considered an REC associated with the Site based on distance.

GWCI
The EDR report identified seven facilities on the Groundwater Contamination Inventory. Of the seven facilities identified, three are located at down gradient positions. The remaining four facilities are active remediation cases associated with leaking underground storage tanks. All of the four facilities are undergoing assessment or remediation in the DHEC UST cleanup program. The nearest site is approximately 1,600 feet southeast of the Site. Based on hydraulic position or distance and regulatory status, none of the seven GWCI facilities are considered an
LUST
The Springs Global US, Inc. facility is located adjacent and upgradient to the Subject Site and is reported to have one Leaking Underground Storage Tank case which received No Further Action (NFA) status in July 1996. Based on its regulatory status, the LUST case on the Springs Global US, Inc. facility is not considered an REC associated with the Site.

The EDR report identified 17 other Leaking Underground Storage Tank (LUST) facilities within the search radius. Of the 17 facilities identified, four are located downgradient of the Site. Of the remaining 13 facilities, eight have received a No Further Action (NFA) status from the DHEC. Of the remaining five upgradient, active case facilities, the nearest is approximately 1,600 feet southeast of the Site. Based on hydraulic position, regulatory status, or distance, none of the 17 LUST facilities identified is considered an REC associated with the Site.

UST
The adjoining Springs Global US, Inc. facility is indicated to have three registered UST’s. The UST’s consist of two 12,000 and one 10,000 gallon UST containing mineral spirits. The location of the UST’s is not provided in the report. Since the UST’s have not reported a spill, they are not considered an REC associated with the Property.

The EDR report identified five other UST sites on the South Carolina database. None of these listed facilities are located adjacent to the Site and are therefore not considered an REC associated with the Site.

MANUFACTURED GAS PLANTS
The EDR report identified a manufactured gas plant named Rock Hill Gas Company approximately 1,000 feet northwest of the Site. This facility was also observed in
the 1926 Sanborn Fire Insurance Map. Based on distance and the lower elevation of
the Rock Hill Gas Company facility, it is not considered an REC associated with the
Site.

No other facilities were identified within the search radius of the selected State
databases.

5.5 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

The following additional record searches were conducted to establish historical use of the
Property.

5.5.1 DEPARTMENT OF HEALTH

IC conducted a telephone interview with Mr. Ken Beatty of the York County
Department of Health (Region 3) on June 8, 2010. Mr. Beatty reported that the Site
name and address appears in the department records regarding sites applying for
asbestos abatement.

5.5.2 FIRE DEPARTMENT

IC conducted a telephone interview with Mr. Michael Moore of the York County
Fire Marshal’s office on June 8, 2010. Mr. Moore said the department had
responded to a fire at the Main building on July 3, 2010. The fire had started on the
second floor and had caused extensive damage to the second floor and roof. The
cause of the fire was arson and the perpetrators were apprehended. He stated that he
was unaware of chemical spills at the facility during the fire.

5.5.3 BUILDING DEPARTMENT

IC visited the City of Rock Hill Building Department. No significant records were
available for the Site improvements.

5.5.4 ELECTRIC UTILITY

IC placed a call to the Rock Hill Power Company Engineering Department to determine the ownership of onsite power transformers. According to the power company, none of the current onsite transformers are the responsibility of the Power Company.

5.5.5 DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

IC conducted a Freedom of Information Act (FOIA) request at the DHEC Groundwater Section and Bureau of Underground Storage Tanks offices to review available file information for the Site. Since approximately 1990, the DHEC has been notified of seven separate areas at or near the Site that required assessment and remediation. The areas are identified as follows:

Area 1: Former Gasoline UST;
Area 2: Former drum storage area, former caustic resin and turpentine AST, former syvatol and pine oil AST, foundry, former diesel UST, former Amyl Alcohol UST’s;
Area 3: Former gasoline UST and Former Varsol UST;
Area 4: Chrome plating room;
Area 5: Varsol AST;
Area 6: Former gasoline UST; and,
Area 7: Forklift Maintenance Area, former salvage yard, and former solvent storage area.

The approximate location of these areas is shown on Figure 5. Area 7 is located on the adjoining property to the south which is topographically higher than the Site. All seven areas have received No Further Action status from the DHEC.

IC reviewed the following documents submitted to DHEC:
Based on our review of the readily available assessment information, IC prepared a compilation summary of soil and groundwater investigations at the Site. The soil and groundwater summaries are provided as Tables 1 and 2, respectively. The approximate sample locations are shown on a layout of the Property as Figures 6 and 7. Excerpts of the reports reviewed are provided in Appendix E.

5.5.6 CLIENT PROVIDED RECORDS
The Client provided the following documents during this assessment:

**Phase 1 Environmental Site Assessment**, September 8, 2004; Parsons Brinckerhoff

This report identified six areas of known contamination corresponding with the former LUST incidents. All six of the known contamination areas identified in this report have received NFA status from the DHEC. The Phase 1 ESA recommended that a Phase 2 ESA be conducted to assess the following areas: diluter building, power station, chemical storage building, fuel AST, and Water Works building. In addition, the report recommended additional assessment in the six areas of known contamination.

**Phase 1 Environmental Site Assessment**, October 2008; Irminger Consulting, Inc.

This report identified six REC’s associated with the Site. They were as follows:

1. Four open LUST cases with the DHEC. The four incidents consisted of three separate areas considered separate RECs. They are: 1) a former gasoline UST on the south side of the Main Building; 2) a former gasoline and varsol UST storage area north of the Main Building; and, 3) a former diesel UST west of the boiler house.

2. A foundry was operated at the Site since at least 1949. Metal grinding and cutting operations within the foundry may have resulted in the accumulation of heavy metals in the soil floor of the foundry building. Previous assessment activities did not test soil under the roof of the foundry.

3. Soil assessment activities in the chrome plating area reported soil contaminated with hexavalent chromium greater than the industrial use standard set by the EPA Region IX Remediation Screening Levels (RSLs).
4. An oil stain resulting from a damaged hydraulic elevator machine was observed on the ground floor of the Main Building. The elevator machine is located near the middle of the eastern wall of the Building. Oil from the machine may have impacted soil beneath the concrete floor slab at this location.

5. Interviews established that historical operations included a former dye house on the ground floor of the southwest corner of the Main Building. The floor of this area was observed to be in good condition. However, the floor includes numerous floor drains which are connected to a network of underground pipes which conveyed sanitary and process water to the north. Dye operations typically use inorganic solutions as colorants. The dissolved inorganics may have seeped into the ground beneath this room through joints of the clay sanitary sewer pipes.

6. IC observed sanitary sewer pipes beneath the ground floor of the building at several locations. The pipe construction material is observed to consist of vitrified clay. These types of pipes are prone to leakage at joints. The dye house areas and areas downstream of the dye houses may have introduced dissolved inorganics to the subsurface through leaks in the underground clay piping.

The Phase 1 ESA recommended the following:

1. No additional work was recommended regarding the four active Leaking Underground Storage Tank incidents at the Site as the incidents were in the process of remediation through the previous owner.

2. Three soil samples should be collected from inside the foundry. One of the soil samples should be collected below the grinder and the other two should be field-determined. The soil samples should be analyzed for TAL metals.
3. No work was required at the location of the hexavalent chromium contaminated soil because it was inaccessible. In the event the soil became accessible during future demolition activities, IC recommended that the soil be excavated and disposed offsite at an appropriately permitted facility.

4. Two soil samples were recommended for collection from beneath the concrete slab in the area of the oil stain originating from the elevator machine. The soil samples were recommended to be analyzed for Total Petroleum Hydrocarbons and Poly-chlorinated biphenyls (PCB’s).

5. Soil beneath the dye rooms of the facility were recommended to be tested for TAL metals. IC recommended that three soil samples be collected from each dye room. The soil samples should be collected near the floor drains located nearest the former dye machines.

6. IC recommended that integrity of the sanitary sewer lines be indicated by the analysis of soil samples collected from two soil borings to be advanced near the large diameter sanitary sewer lines at the northwest corner of the Main Building. The soil samples were to be analyzed for volatile and semi-volatile organic parameters and for TAL metals.

In addition, as an indication of general environmental conditions beneath the Main Building, IC recommended the sampling and analysis of water samples from monitoring wells E-1, E-2, and E-5, and two sumps located along the interior southern wall. Water samples collected from these locations were anticipated to assist in determining the general environmental conditions at the locations of these wells and sumps and at locations upgradient from these features. The water samples were recommended to be analyzed for volatile and semi-volatile organic parameters and TAL metals.

This report described the collection and analysis of a soil sample from the floor of the former foundry. The soil sample was analyzed for total metals analysis on the eight RCRA metals. Lead was reported in the sample at a concentration of 468 milligrams per kilogram (mg/kg), which is greater than the EPA Remediation Screening Level (RSL) for residential use of 400 mg/kg, and less than the RSL for industrial use sites of 800 mg/kg. A summary of the analytical results of the soil sample collected May 12, 2010 is contained in Table 3.

The report described the collection and analysis of three groundwater samples collected from monitoring wells and one sump located inside the Main Building. In addition, a water sample was collected of flowing water observed in a storm drain located along the west exterior wall of the Main Building. All of the water samples were analyzed for VOCs and SVOCs by EPA methods 8260 and 8270 and TAL metals. A groundwater sample collected from a monitoring well located north of the oven room was reported with a concentration of trichloroethene (TCE) at 20.0 micrograms per Liter (ug/L). The Maximum Contaminant Level (MCL) for TCE is 5 ug/L. The water sample collected from the storm sewer was reported with a concentration of tetrachloroethene (PCE) at 19.1 ug/L. The MCL for PCE is 5 ug/l. Other organics and inorganic parameters were reported in the water samples above the analytical detection limits. A summary of the analytical results is contained in Table 4. The approximate soil and water sample locations are shown on Figures 6 and 7, respectively.

The presence of PCE and TCE concentrations greater than MCLs in water samples collected from well EW-2 and the flowing water in a storm water drain is considered an REC associated with the Property.
6.0 SITE RECONNAISSANCE

The purpose of IC's Site reconnaissance was to visually and physically observe uses and conditions that could result in the presence of hazardous materials or petroleum products on or beneath the Site. IC engineer, Mr. Steven Irminger, P.E. visited the Site on May 12, 2010. IC was met onsite by Mr. Barney Nichols, former employee of Springs Industries. Mr. Nichols accompanied IC during a portion of the Site inspection. Our observations were documented and pertinent features or areas of environmental concern were photographed and are referenced in the text. Site photographs recorded May 12, 2010, are included in Appendix F. Areas of Concern identified on the day of the inspection are included on Figure 4. Table 1 summarizes the AOC. A description of Site observations is presented below.

6.1 METHODOLOGY AND LIMITING CONDITIONS

The Site reconnaissance was performed by walking and observing accessible exterior and interior portions of the Site. No natural or man-made limitations were encountered by IC
during the Site reconnaissance except for a water flooded basement in the boiler house which prevented access to that area. Based on interviews with Mr. Nichols, the basement of the boiler house provided access to the bottom of the boilers for cleaning. Based on our interviews with Mr. Nichols regarding the basement area, our inability to access the basement of the boiler house does not materially affect the results of this investigation.

6.2 EXTERIOR OBSERVATIONS

The exterior of the Site was visually observed for indications of RECs.

The southern half of the Property generally consists of a multi-story building. The building is generally constructed of concrete masonry units and steel and is equipped with both flat and pitched roofs. The northern half of the Site consists of a grade-level asphalt parking lot which covers the northwest quadrant of the Site. The southeast quadrant of the Site is the location of a former water treatment system, a 2,000,000 gallon raw water open reservoir, a 167,000 gallon covered water reservoir, a boiler house, two air dispersion stacks and two elevated water tanks, a bulk fuel oil storage tank, two propane storage tanks, a laundry building, a foundry building, a maintenance storage building, a coal ash loading tower, and several other areas of industrial activity. On the day of the Site visit, the facility was in poor condition, with debris and equipment piles in several locations. The facility has reportedly been idle since 1998. Ongoing salvage operations are separating recyclable materials from the buildings and equipment. Although the Site is completely fenced, evidence of vandals was common during our inspection.

6.2.1 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS USE

The textile finish and dye business required large quantities of heated water and electricity in the manufacturing process. Heat and electricity at this Site were provided by coal and fuel oil fired boilers and steam turbines. Raw water from the Catawba River had to be filtered prior to use in the plant. Water adjustments for pH required acids and bases in large quantities on both supply and disposal. Textile
patterns were achieved by engraving chrome plated rollers. An acid etching process allowed the metal rollers to be re-used. Gasoline powered fire pumps and equipment required tanks of fuel. Most areas of the Site are either covered by buildings or by asphalt and concrete pavement. There are few areas of unprotected ground. Emergency power was provided by battery banks. Most hazardous substances and petroleum products were removed with their containers by the former tenant, Springs Industries. However, IC observed several storage containers of regulated materials during the Site inspection. The regulated materials were inventoried by IC during preparation of a Building Decommissioning Plan. The inventory of regulated material is provided as Table 5. Our observations are detailed in the following sections.

The Site facility has been idle since approximately 1998. Salvage operations, vandalism, and the elements have deteriorated the condition of the exterior portions of the Site. The level of housekeeping practiced by the former tenant is difficult to assess under the current conditions.

6.2.2 UNDERGROUND STORAGE TANKS (USTS)

No visible evidence of USTs (e.g. fill ports, vent pipes, pavement repairs, etc.) was observed during the exterior Site reconnaissance.

6.2.3 ABOVEGROUND STORAGE TANKS (ASTS)

Seven ASTs were observed during the exterior Site reconnaissance. Observations of each AST are detailed below.

- A bulk storage tank containing Number 6 fuel oil located south of the 2,000,000 gallon water reservoir. The volume of the fuel oil tank is estimated to be approximately 100,000 gallons. A gauge on the side of the tank indicates that there is seven-feet of fuel oil in the tank. The tank was observed to be surrounded by a concrete dike. The dike was observed to be filled with oil and
water with 1-foot of freeboard remaining. A release valve was not observed through the dike wall.

- A pressurized propane AST approximately 30,000 pounds in size is located southwest of the water reservoir. The current pressure in the tank was not readily observable.

- A 1,000 pound propane AST was observed near the north wall of the Main Building. The current pressure in the tank was not readily observable.

- An approximate 10,000 gallon steel tank oriented horizontally was observed along the railroad track. The content of the tank is unknown. The tank is not located within a secondary containment. An eye wash station is located at the base of the tank. The tank appeared to be in good condition with no leaks or evidence of spills.

- An approximate 10,000 gallon vertical storage tank was observed located near the southeast corner of the Main Building. The tank appears to have been used to store fuel oil. The tank is not provided secondary containment and was observed to have oil stains at its base. Mr. Barney Nichols reported that the tank is empty and clean.

- An estimated 2,000 gallon AST was observed located south of the boiler house. This insulated tank is oriented horizontally and appears to have been used for fuel oil. The tank is not provided with secondary containment. No staining or evidence of leaks were observed around the base of the tank.

- An estimated 10,000 gallon steel tank is located near the southeast corner of the Main Building. The tank appears to be a vertical oriented tank but is lying on its side. The concrete pad for this tank appears to be adjacent to the east wall of the Main building. The former contents of the AST are unknown. No staining or
evidence of leakage was observed. Mr. Barney Nichols stated that this AST had not been used at the facility.

Three secondary containment structures with no current ASTs were observed on the exterior of the Site. The secondary containment structures are described below.

- A secondary containment structure is located at the north exterior wall of the Main building. There are three remote fill pipes leading into the secondary containment area. One of the pipes is labeled “Latex”, and the second is labeled “Acetic Acid”. The third pipe is not labeled. The secondary containment has a low concrete wall. The interior of the containment area is concrete and appears to have accommodated vertical storage tanks. The interior floor of the secondary containment area had no standing water and appeared to be in good condition.

- A secondary containment structure is located east of the laundry building. The secondary containment area reportedly stored a 10,000 gallon AST of Varsol. The 10,000 gallon Varsol tank was oriented horizontally and rested on concrete saddles. The secondary containment walls appeared to be in good condition. The floor of the secondary containment structure was obscured by dirt and debris. No standing water and no evidence of stains or spills was observed.

- The third secondary containment structure is located at the northeast corner of the Main building. The secondary containment structure is constructed of concrete and is in good condition with no standing water and no evidence of spills or stains. There are two tank saddles located in this secondary containment. Mr. Barney Nichols stated that the tank at this location stored hydrogen peroxide.

6.2.4 ODORS

No chemical or petroleum odors were observed or reported during the exterior
investigation.

6.2.5 POOLS OF LIQUID

No pools of liquid (other than the 2,000,000 gallon water reservoir and the water in the secondary containment of the 100,000 gallon fuel oil tank) were observed.

6.2.6 DRUMS

Numerous drums were observed on the exterior areas of the Property. The drums are inventoried on Table 5. Most of the drums were empty containers. None of the drums appeared to be leaking or were observed with stains at their base.

6.2.7 HAZARDOUS SUBSTANCE AND PETROLEUM PRODUCTS CONTAINERS

Other than the ASTs and drums discussed above, no other hazardous substance or petroleum product containers were observed on the exterior of the site.

6.2.8 UNIDENTIFIED SUBSTANCE CONTAINERS

Other than the unidentified ASTs and drums mentioned above, no other unidentified substance containers were observed on the exterior of the Site during the day of the visit.

6.2.8 ELECTRIC OR HYDRAULIC PCB EQUIPMENT

No electric or hydraulic PCB equipment were observed on the exterior of the Site.

6.2.9 PITS, PONDS, AND LAGOONS
A water reservoir is located along the northern Property boundary. The water reservoir was used as raw water for the industrial processes in the facility. The reservoir was constructed by at least 1949 and has a reported capacity of 2,000,000 gallons. The sides of the reservoir are constructed of concrete. No other pits, ponds or lagoons were observed on the exterior of the Site.

6.2.10 STAINED SOIL OR PAVEMENT

Pavement stained with fuel oil was observed near the AST located at the southeast corner of the Site. A dark stain was observed at the extreme southeast corner of the Site inside the railcar garage. The stain proceeds downhill to the edge of the asphalt pavement. The source of the stain is unknown. No other soil stains were noted on the exterior of the Site.

6.2.12 STRESSED VEGETATION

No stressed vegetation was observed on the Site during the day of the inspection.

6.2.13 SOLID WASTE

The facility does not generate solid waste at this time. No dumpsters or commercial solid waste containers were observed on the exterior of the Site. There are numerous areas of uncontained solid waste on the Site. The solid waste observed consists of scrap metal equipment, wood, cloth, broken concrete and brick, paper, brick, and glass. Numerous drums were observed containing similar solid waste. The solid waste observed by IC appeared to be inert except for the possible presence of asbestos containing pipe wrap and lead based paint. No evidence of buried solid waste was observed on the Site during the day of the inspection.

6.2.14 WASTEWATER
A sanitary sewer lift station is located in the parking lot. An aerial photograph from 1999 shows a stain on the parking lot pavement trending from the lift station, downhill, to the corner of Stewart Avenue and West White Street. No indications of septic tanks were observed on the Site the day of the inspection.

6.2.15 WELLS

Numerous abandoned monitoring wells were observed at the Site on the day of the inspection. The monitoring wells were used by the former tenant’s environmental contractor to monitor and remediate groundwater at the Site. The wells appear to have been filled with grout. No potable wells were observed on the Site during the day of the inspection.

6.2.16 SEPTIC SYSTEMS

No visible evidence of a septic system was observed on-Site during IC's Site reconnaissance.

6.2.17 STORM WATER SYSTEMS

Storm water at the Site flows to storm drains located throughout the Site. Mr. Barney Nichols reports that the storm drains are connected to a single underground pipe which conveys the storm water to the unnamed creek located approximately 500-feet northwest of the Site.

Storm water on the exterior portions of the Site flows to surface drain boxes which are connected to a network of underground pipes. The underground pipes generally flow by gravity toward the north and then toward the west where a large diameter conduit conveys the water to a creek located northwest of the Property. A lift station located at the exterior northeast corner of the Main Building collects water flowing along the eastern side of the Main Building and pushes it to the northwest.
The approximate location of major storm water system piping is shown on Figure 8. The storm water system does not appear to have received process water except for former grey-water from the middle-eastern portion of the Main Building. Grey water is spent bleach water discharged after the bleach process. IC’s understanding of subsurface storm water pipes is based on limited observations below floor drain grates and interviews.

6.2.18 OTHER OBSERVATIONS

No other exterior observations were noted.

6.3 INTERIOR OBSERVATIONS

The interior of the Site buildings were visually assessed for evidence of RECs. The conditions observed are presented below.

6.3.1 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS USE

The former Site use as a textile bleachery and finishing mill required numerous hazardous substances and petroleum products. Hazardous substances consisting of acids and bases for regulating pH of process water, chromium shavings and spent acids resulting from the rotogravure process, lead-acid batteries used as back-up battery supplies, solvent cleaners for cleaning machinery, dry cleaning solvents used in quality control, and heavy metal-rich dyes were used in various locations throughout the inside portions of the Site. Petroleum products include large amounts of fuel oil for heating water and producing electricity, gasoline for fork lifts and onsite trucks, diesel for generators, dielectric oil in transformers, and hydraulic oil used in elevator machines. While large quantities of these substances were used at the Site, environmental impact to the soil and groundwater below the buildings may be limited for several reasons:
  • Most of these products were raw materials used in the process and would have
been carefully utilized. Spills and leaks of chemicals and petroleum products were avoided because of the cost of these raw materials and the consequences to worker safety and fire protection; and,

- The Main Building is a multi-story structure. Incidental spills from processes on upper floors would be unlikely to impact the soil beneath the building. The basement and ground floors are constructed of concrete in all the buildings except for the foundry which has a dirt floor. The concrete appears to be in good condition. Unbroken concrete provides an excellent barrier to heavy petroleum products such as fuel oil, dissolved inorganics, and most liquid chemicals with the exception of solvents.

The dye and engraving rooms along the northern side of the Main Building (Location of AOC 16 and vicinity), have been partially assessed. Soil has been sampled beneath the concrete slab at location AOC 16 and monitoring wells have been installed in downgradient positions and groundwater tested a short distance from these areas. However, based on interviews with Mr. Barney Nichols, the ground floor room in the southwest corner of the Main Building was also used as a dye room. This area is labeled AOC 21 on Figure 4. The concrete floor of this room appeared to be in good condition on the day of the Site visit. The previous locations of dye machines are evidenced by patched concrete. Mr. Nichols recalls that the room contained approximately 12 dye machines. The concrete floor has numerous floor drains which are connected to a network of underground pipes. The pipes were observed in several locations and are constructed of vitrified clay. The use of this room as a dye house represents an REC associated with the Site because of the possibility for heavy metal impact to the ground beneath the concrete floor slab. The most likely location to encounter impacted soil would be at drain boxes located in the floor.

6.3.2 UNDERGROUND STORAGE TANKS (UST’S)

No evidence of USTs were observed in the interior of the Site building.
6.3.3 ABOVEGROUND STORAGE TANKS (AST’S)

Numerous AST’s and process flow vessels were observed. Most AST’s appeared to contain dye, caustic soda, or acid. Many vessels are not labeled and are insulated indicating that they may have contained hot water or fuel oil. Many of the pH adjustment vessels and tanks are in poor condition indicating that they may still store product. The open top vats and vessels observed by IC were empty and clean. A series of large concrete vats set into the floor of the bleachery were observed to contain several feet of water. The depth to water in each of the vats is similar and consistent with the expected depth to groundwater which would indicate that either the vats are constructed without a concrete bottom or that the concrete vats leak. The leakage of dissolved bleach to the soil and groundwater beneath the Site is not considered an REC.

6.3.4 ODORS

The rotogravure room was observed to have a slight solvent chemical odor. The dye application rooms near the rotogravure room were observed to have a stronger solvent odor. The outdoor maintenance building was observed to have an odor of paint. The laundry building had an odor of oil. A charcoal odor was observed in large portions of the Main Building.

6.3.5 POOLS OF LIQUID

Water was observed on the basement floor near the south wall of the Main building. The water appears to have intruded through the south wall of the building or to have intruded as groundwater through the floor. Two sump pumps were observed in this area. Numerous other areas of the buildings were observed to have water intruding from the roof. The basement of the boiler house was completely flooded and could not be inspected. The source of the water, based on the depth below grade of the
basement, is suspected to be groundwater intrusion. No other pools of liquid were observed inside the buildings during the Site visit.

6.3.6 DRUMS

Numerous drums were observed throughout the buildings on the day of the Site visit. The majority of the drums were observed to be empty or filled with trash. The exterior maintenance building and the second floor of the Main Building near the northwest corner, contained several pallets of 55-gallon drums containing paint. Two drums of hydraulic oil were observed in a generator room on the second floor of the Main Building. Numerous unlabeled drums were observed near the machine shop and in the boiler room. Some of the drums in the boiler house were observed to be in poor condition with leakage of a petroleum substance observed around their base. A summary of the drums and other containers observed inside the buildings is included in an inventory as Table 5.

6.3.7 HEATING AND COOLING

Heating and cooling is available to offices located in the southwest corner of the Main Building by roof-top package units. The units are currently idle. No other heating and cooling systems are operative. Previous heating was provided by steam heat. Cooling was provided by electric powered fans and swamp coolers.

6.3.8 STAINS OR CORROSION

Corrosion and peeling paint are pervasive throughout the buildings. Most corrosion is the result of weathering of exposed and unmaintained ferrous iron. In some locations, the corrosion is the result of exposure to strong acids and bases and the corrosive effects of their vapors.

An oil stain was observed at the base of a damaged elevator machine located on the
The approximate location of the elevator machine is shown by AOC 20 on Figure 4. The concrete slab at this location appeared to be in good condition. However, the joint between the floor and the wall at this location may have provided a pathway for oil to impact sol beneath the slab. The spill from the elevator machine is considered an REC associated with the Property.

6.3.12 DRAINS OR SUMPS

Floor drains and sumps were observed throughout all of the buildings except the foundry. The floor drain in the maintenance building was observed to be filled with water. Mr. Barney Nichols reported that the floor drain of the maintenance building is a closed system. The Main Building drains are reportedly connected to the municipal sanitary sewer system.

Sanitary sewer appears to have been directed to the City of Rock Hill sanitary sewer system. The sanitary sewer conduits were observed by IC in several locations of the lowest level of the facility through floor-mounted drain boxes. The pipes were observed to generally consist of 8-inch to 16-inch diameter vitrified clay. These pipes were also used to convey process water which had been used in the dyeing and bleaching process. Internal roof drains are also connected to the sanitary sewer pipes. The pipes generally trend south to north and west. Roughly the western half and the southern half of the main building’s sanitary sewer system reportedly drains to a lift station located along the west wall of the main building. The lift station reportedly conveys the water to a 36-inch diameter concrete pipe which trends along the southern exterior side of the building to a metering station located in the parking lot. The metering station contains a flume and weir. From the metering station, the water is conveyed to the northwest where it connects to municipal sanitary pipes located beneath White Street. However, water in the reported lift station was observed to be stagnant. Water observed flowing in a large diameter pipe trending...
along the western exterior wall of the building appears to be connected to the subfloor drains in the southwest corner of the Main Building. Roof drains also appear to contribute water to this large diameter pipe. The water in this pipe was sampled and analyzed in May 2010 as described in Section 5.5.6 of this report.

The northeast quadrant of the main building’s sanitary sewer system drains to a lift station located in the color room. The lift station at this location reportedly conveys sanitary sewer water to the east toward Ebenezer Road. Sanitary sewer discharges from the boiler house, water treatment plant, and other ancillary buildings, reportedly flow toward the west and connect to the metering station. Based on IC’s discussions with former long-time Springs employee, Mr. Barney Nichols, the sanitary sewer discharges may have originally been directed to a creek located northwest of the Property. IC’s understanding of subsurface sanitary sewer pipes is based on limited observations below floor drain grates and interviews. The approximate location of major sanitary sewer components is shown on Figure 8. Former industrial processes including dye operations which shared sanitary sewer conduits constructed of vitrified clay is considered an REC. Dissolved organic and inorganic chemicals used in the facility and placed in the sanitary sewer could be spilled to the subsurface along joints of the clay pipe. The areas of most concern are the former dye mix rooms and areas downstream.

6.3.13 POTENTIAL PCB CONTAINING EQUIPMENT

IC observed several hydraulic elevator machines located on the ground floor of the facility. The approximate locations of the elevator machines are shown on Figure 8. One of the elevator machines was observed to be damaged with spilled oil as described in Section 6.3.8 of this report. The remaining elevator machines were observed to be in good condition with no evidence of spills or leaks.

A ground floor former electrical room was located near the center of the Main Building. Most of the electrical equipment has been removed from this room,
however, some of the casings have PCB-containing labels. The concrete floor in the electrical room appeared to be in good condition with no evidence of spills or stains.

6.3.14 OTHER INTERIOR OBSERVATIONS

Three monitoring wells were observed on the interior of the Main Building. Based on nameplates within the well man-ways, they are designated E-2, E-4, and E-5 on Figure 7.
7.0 INTERVIEWS

IC interviewed Mr. Barry Nichols, former employee of Springs Industries, Inc., 803-374-1774. Mr. Nichols was employed at the Rock Hill Printing and Finishing Company facility for 44 years. Mr. Nichols was in charge of Buildings and Grounds. He provided much of the information regarding the historical industrial processes at the facility.
8.0 VICINITY RECONNAISSANCE

A reconnaissance of the adjoining properties and those within a 1/8th-mile radius of the Site was conducted May 12, 2010, by IC personnel. The following sections describe the results of the vicinity reconnaissance.

7.1 ADJOINING PROPERTIES

The adjoining properties were observed for evidence of potential environmental concerns which may impact the Site. Based on our field reconnaissance, evidence of ASTs, industrial use, and monitoring wells were observed at the Springs Industries facility which adjoins the Site to the south. The monitoring wells were located near the southwest corner of the Site. Based on IC’s review of files at the DHEC Columbia office, reveals that the Springs Industries facility has groundwater contamination consisting of chlorinated solvents. The direction of groundwater flow in the area of the chlorinated solvent plume is reportedly northwest which is cross-gradient to the Site. No other evidence of hazardous substance or petroleum products were observed on other properties which adjoin the Site.

7.2 VICINITY PROPERTIES USE

Properties to the south of the Site are generally industrial use. Land use south and east of the Site is generally residential. A large cemetery is located west of the Property.

7.3 HISTORICAL USES OF NEIGHBORING PROPERTIES

The adjoining land use to the north was residential beginning in at least the 1920’s. By the 1930’s, the land use to the north included a textile mill. In the early 2000’s the textile mill was replaced with multi-family residential property. Laurelwood Cemetery has been present west of the Site since at least the 1920’s. Also west of the Property was the City Garage from approximately 1900 to the 1920’s. The City Garage included gas tanks but was
located downgradient of the Property. East of the Site have been the railroad tracks, beyond which have been single family residences since at least 1900. The land use south of the Site has been industrial since at least 1900.
9.0 VAPOR INTRUSION PATHWAY

CESI personnel considered evidence of known or suspected contamination to evaluate the potential of a vapor intrusion threat at the Site. Known volatile and semi-volatile contamination is located on the Site and within 100-feet of the southern Property line. Groundwater parameters which exceed the OSWER Guidance Manual Tier 1 vapor intrusion screening levels are indicated on the groundwater summary analytical Tables 7 and 8. For this reason, the potential vapor intrusion pathway is considered an REC associated with the Site.
10.0 ADDITIONAL SERVICES

8.1 Wetlands

Based on observations conducted onsite May 12, 2010, by IC personnel, Site soil and vegetative conditions do not appear to be consistent with wetland conditions. However, a review of the National Wetlands Map provided by the U.S. Fish and Wildlife Service reported two designated wetlands located at the north edge of the Site. The designated wetlands coincide with the 2,000,000 gallon water reservoir and the settling basin of the water treatment plant. A copy of the wetland map is contained in Appendix D.

8.2 Asbestos-Containing Materials

Asbestos containing materials are well documented at the Property and present in floor tile and pipe wrap throughout the buildings. Much of the pipe wrap and tank and vessel insulation is clearly labeled as asbestos containing.

8.3 High Voltage Powerlines

No high voltage powerlines were observed to cross the Site.

8.4 Radon

The EPA Radon Zone for York County is Zone 2. Zone 2 means the indoor average radon concentration is between 2 and 4 picoCuries per Liter.
11.0 FINDINGS AND CONCLUSIONS

IC has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 and EPA’s AAI protocol, of the Site located at 420 West White Street, Rock Hill, York County, South Carolina. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report.

SUMMARY OF RECOGNIZED ENVIRONMENTAL CONDITIONS

1. Soil assessment activities in the chrome plating area reported soil contaminated with hexavalent chromium greater than the industrial use standard set by the EPA Region IX Remediation Screening Levels (RSLs).

2. An oil stain resulting from a damaged hydraulic elevator machine was observed on the ground floor of the Main Building. The elevator machine is located near the middle of the eastern wall of the Building. Oil from the machine may have impacted soil beneath the concrete floor slab at this location.

3. Interviews established that historical operations included a former dye house on the ground floor of the southwest corner of the Main Building. The floor of this area was observed to be in good condition. However, the floor includes numerous floor drains which are connected to a network of underground pipes which conveyed sanitary and process water to the north. Dye operations typically use inorganic solutions as colorants. Dissolved organic and inorganic contaminants may have seeped into the ground beneath this room through joints of the clay sanitary sewer pipes.

4. IC observed sanitary sewer pipes beneath the ground floor of the building at several locations. The pipe construction material is observed to consist of vitrified clay. These types of pipes are prone to leakage at joints. The dye house areas and areas downstream of
the dye houses may have introduced dissolved organic and inorganics to the subsurface through leaks in the underground clay piping.

5. Analysis of a groundwater sample collected from an interior monitoring well (EW-2) in May 2010, was reported with trichlorethene at concentrations greater than the EPA Maximum Contaminant Level (MCL). Analysis of a water sample collected from a flowing underground storm drain near the western exterior wall of the Main Building (sample location MH) in May 2010, was reported with a concentration of tetrachloroethene greater than the EPA MCL. The sources of the chlorinated solvents are unknown and remain unassessed.

6. Groundwater concentrations of volatile and semi-volatile parameters have been reported on the Site and within 100-feet of the Site boundary at concentrations greater than the OSWER Draft Vapor Intrusion Tier 1 Screening Levels for presumption of a vapor intrusion hazard.

No other REC’s were revealed during the assessment. Several areas of de minimis REC’s and historically resolved REC’s were observed at the Site and are listed in Table 3. No offsite REC’s associated with the Site were observed.

RECOMMENDATIONS

The following recommendations are presented in order of the REC’s listed above.

1. No work is required at the location of the hexavalent chromium contaminated soil because it is currently inaccessible. In the event the soil becomes accessible during future demolition activities, IC recommends that the soil with a concentration greater than the Industrial Use RSL be excavated and disposed offsite at an appropriately permitted facility. The estimated cost for soil disposal is approximately $20,000.

2. Two soil samples should be collected from beneath the concrete slab in the area of the oil stain originating from the elevator machine. The soil samples should be analyzed for Total
Petroleum Hydrocarbons and Poly-chlorinated biphenyls (PCB’s). The estimated cost for this work is approximately $2,000.

3. Soil beneath the dye rooms of the facility should be tested for TAL metals. IC recommends that three soil samples be collected from each dye room. The soil samples should be collected near the floor drains located nearest the former dye machines. The estimated cost for this work is approximately $3,500.

4. IC recommends that integrity of the sanitary sewer lines be indicated by the analysis of soil samples collected from two soil borings to be advanced near the large diameter sanitary sewer lines at the northwest corner of the Main Building. The soil samples should be analyzed for volatile and semi-volatile organic parameters and for TAL metals. The estimated cost for this work is approximately $4,000.

5. Assessment of the organic and inorganic parameters reported in the groundwater samples collected May 12, 2010 from well EW-2 and from the drain location designated MH should be conducted in upgradient directions from the sample locations. IC recommends that two wells be installed in the oven room and two wells be installed in the former dye room in the southwest corner of the Main Building. In addition, IC recommends that prior to installation of the wells in the dye house, water from subsurface drains (estimated seven separate drain locations) observed in this area be collected for laboratory analysis of VOC’s. Subsequent groundwater samples should be tested for VOC, semi-VOC, and TAL metals parameters. The estimated cost for this work is estimated at $18,000.

6. The vapor intrusion hazard may be quantified using soil gas sampling procedures in the areas near groundwater contamination. However, IC recommends that the vapor intrusion hazard be mitigated using engineering or institutional controls implemented during redevelopment of the Site. Engineering control options range from placement of vapor barriers to installation of passive or active vapor collection systems. Institutional controls may exclude residential development from the ground floor of selected contaminated areas on the Site.
7. Based on the extensive history of industrial activity at this Site and the possibility for unseen conditions which may become revealed at a later date, IC recommends that Prospective Developers and Purchasers of the Property obtain the regulatory and liability protections afforded through the Brownfields program administered by the South Carolina DHEC. A Brownfields Agreement between the Prospective Developer and the DHEC removes Superfund liability associated with historical contamination at the Site. Acceptance into the program must be accomplished prior to taking ownership of the Property. Brownfields Assessments generally require significantly more assessment than typical Phase 2 ESA due diligence recommendations such as contained within this report.

No other work is recommended at this time.

No other work is recommended at this time.
12.0 EXCEPTIONS AND LIMITATIONS

IC’s Phase I ESA of the Site was conducted in general conformance with ASTM E 1527-05 without deviations or deletions. IC personnel were unable to gain access to the basement of the boiler house because it was flooded with groundwater. Based on discussions of the industrial activity conducted in the basement, the lack of access to this area is not considered a material deficiency to the assessment.
13.0 REFERENCES

Radius database report
EDR, Inc.; Report No. 2761720.1s

Radon information
EPA Radon zone map, - http://www.epa.gov/iaq/radon/zonemap.html

Topographic Map information
USGS - 7.5 Minute Topographic Quadrangle of Rock Hill, South Carolina, 1996.

Aerial Photos
Microsoft Terraserver, - http://terraserver.microsoft.com
USDA office in Lancaster, South Carolina
York County GIS webpage, http://yorkcountygov.com

Agencies Contacted:

The York County Fire Marshal’s office
Was contacted by telephone for information pertaining to spills, fires, and current code violation status of the Subject Property.

York County Assessor’s Office
The GIS website was used to obtain detailed information regarding ownership of the Subject Property and the presence of AULs or LURs.

USDA – Lancaster Office
Was visited for copies of historical topographic maps and aerial photos
14.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

The Phase I ESA was prepared by Mr. Steven E. Irminger, P.E., of Irminger Consulting, Inc. Mr. Irminger has more than 20 years conducting geological and engineering investigations. He has 15 years experience conducting environmental due diligence assessments for a variety of private and public institutions. Mr. Irminger is a registered Professional Engineer in four states and a registered Professional Geologist in the State of Wyoming. A detailed list of Mr. Irminger’s qualifications are included in Appendix G.
FIGURES
FIGURE 2 TOPOGRAPHIC MAP

PROPERTY

Site Name: The Bleachery
420 East White Street
Rock Hill, SC

Project Number: 0029-001

IRMINGER CONSULTING, INC.
FIGURE 3 SITE LAYOUT

Approximate Scale: 1” = 150’

IRMINGER CONSULTING, INC.

Site Name: The Bleachery

420 West White Street
Rock Hill, SC
Project Number: 0029-001
FIGURE 6 SOIL ASSESSMENT SUMMARY

Approximate Scale: 1" = 150'

IRMINGER CONSULTING, INC.

Site Name: The Bleachery

420 West White Street
Rock Hill, SC
Project Number: 0029-001
<p>| Sample Name | Date          | Depth (feet) | Benzene | Toluene | Xylenes | PCB | PentaBDE | DecaBDE | TransChl | Pb | Zn | Cd | Cu | Cr | Cd | Mg | Fe | Ni | Cr | Co | V | Mo | As | Sb | 5.4E+07 | 1400 | 400000 | 70000 | 19000 | 52000 | 42000 | 42000 | 170000 | 70000 | 2.9E+07 | 1E+08 | 2100 | 210 | 2100 | NR | 21000 | 580 | 120000 | 210000 | 2100 | 240000 | 220000 | 2000000 | NR | 1300 | NR | NR | 240000 | NR | 1.6 | 67000 | 450 | 450 | 100000 | 64 | 800 | 310 | 5100 | 5100 | NR | NR | 410 | NR | NR | 740 |
|-------------|---------------|--------------|---------|---------|---------|-----|---------|---------|---------|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|</p>
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**Notes:**
- ND: Not Detected
- ug/L: Micrograms per Liter
- Shading indicates an exceedance of the groundwater standard.
- mg/L: Milligrams per Liter
- Free product.
<table>
<thead>
<tr>
<th>Area of Concern</th>
<th>Reason</th>
<th>Additional Information</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>AOC 1</td>
<td>Location of former gasoline engine in Wood Yard.</td>
<td>Groundwater tested by well MW-4.</td>
<td>Historically resolved HREC.</td>
</tr>
<tr>
<td>AOC 2</td>
<td>Foundry soil could be impacted with inorganics.</td>
<td>Soil tested on both sides of foundry building. No soil samples collected from inside building.</td>
<td>HREC Soil tested</td>
</tr>
<tr>
<td>AOC 3</td>
<td>#6 Fuel Oil Tank</td>
<td>No evidence of release. Secondary containment provided. Groundwater assessed by well MW-10.</td>
<td>Not Considered an REC associated with the Site.</td>
</tr>
<tr>
<td>AOC 4</td>
<td>Diesel stain below generator and location of former gasoline UST.</td>
<td>Soil assessment showed impact less than residential use PRG’s. Groundwater impact less than site specific cleanup standard.</td>
<td>Historically resolved HREC.</td>
</tr>
<tr>
<td>AOC 5</td>
<td>Former offsite gasoline tank location.</td>
<td>Assessment data shows groundwater flow is to the northwest.</td>
<td>Not Considered an REC associated with the Site.</td>
</tr>
<tr>
<td>AOC 6</td>
<td>Compactor in laundry room has leaked oil onto floor.</td>
<td>Site observations show floor is concrete. Extensive soil and groundwater assessment in vicinity.</td>
<td>Based on previous assessment data, this AOC is considered a historically resolved HREC. The oil on the floor of the building is considered a de minimis condition.</td>
</tr>
<tr>
<td>AOC 7</td>
<td>Paint spilled to floor inside paint storage building.</td>
<td>Interviews report that the sump in this building is closed and constructed of concrete. Groundwater was tested in the vicinity of the building.</td>
<td>Considered a de minimis condition.</td>
</tr>
<tr>
<td>AOC 8</td>
<td>Former electrical substation</td>
<td>Soil assessed in 2008.</td>
<td>Historically resolved HREC.</td>
</tr>
<tr>
<td>AOC 9</td>
<td>Black stained pavement in rail garage.</td>
<td>Groundwater in this area was tested by MW-16. No contamination reported.</td>
<td>Considered historically resolved and de minimis REC.</td>
</tr>
<tr>
<td>AOC 10</td>
<td>Secondary containment area.</td>
<td>Interview reported former presence of hydrogen peroxide tank.</td>
<td>Not Considered an REC associated with the Site.</td>
</tr>
<tr>
<td>AOC 11</td>
<td>Known contaminated groundwater area</td>
<td>Assessment data shows groundwater flow is to the west.</td>
<td>Not Considered an REC associated with the Site.</td>
</tr>
<tr>
<td>AOC 12</td>
<td>Former turpentine and solvent storage area.</td>
<td>Soil assessed and remediated. Soil data indicates groundwater is not impacted.</td>
<td>Historically resolved HREC.</td>
</tr>
<tr>
<td>AOC 13</td>
<td>Fuel Oil AST with stain around base.</td>
<td>Interview reported AST is empty and clean.</td>
<td>Considered de minimis condition.</td>
</tr>
<tr>
<td>AOC 14</td>
<td>Former gasoline UST</td>
<td>NFA issues 4/2009.</td>
<td>HREC</td>
</tr>
<tr>
<td>AOC 15</td>
<td>Former Varsol AST</td>
<td>Soil in this area was remediated by excavation. This incident has received regulatory closure</td>
<td>HREC</td>
</tr>
<tr>
<td>AOC 16</td>
<td>Chrome plating area</td>
<td>Assessment in this area reported hexavalent chromium greater than residential soil standard.</td>
<td>REC. Assess extent of impacted soil.</td>
</tr>
<tr>
<td>AOC 17</td>
<td>This location has two abandoned in place Varsol USTs and one former gasoline UST.</td>
<td>NFA issues 4/2009.</td>
<td>HREC</td>
</tr>
<tr>
<td>AOC 18</td>
<td>This location contains an abandoned in place diesel fuel UST.</td>
<td>NFA issues 4/2009.</td>
<td>HREC</td>
</tr>
<tr>
<td>AOC 19</td>
<td>Location of boiler and fuel room of former Rock Hill Buggy Company.</td>
<td>Groundwater wells between the source area and the Site do not indicate petroleum products.</td>
<td>Not Considered an REC associated with the Site.</td>
</tr>
<tr>
<td>AOC 20</td>
<td>Spill from elevator machine</td>
<td>Not assessed</td>
<td>REC. Sample soil beneath slab for TPH and PCB’s.</td>
</tr>
<tr>
<td>AOC 21</td>
<td>Former dye operations on Ground Floor of Main Building</td>
<td>Areas are partially assessed</td>
<td>REC. Sample existing wells and potential impact to soil</td>
</tr>
<tr>
<td>AOC 22</td>
<td>Subsurface clay sanitary sewer pipes</td>
<td>Areas are partially assessed</td>
<td>REC. Sample existing wells and potential impact to soil</td>
</tr>
<tr>
<td>AOC 23</td>
<td>Monitoring well and Storm Drain</td>
<td>Water samples reported chlorinated solvents</td>
<td>REC. Assess to establish source.</td>
</tr>
<tr>
<td>AOC 24</td>
<td>Vapor Intrusion</td>
<td>Presumption of Vapor intrusion in several areas</td>
<td>REC. Address VI during development</td>
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</tbody>
</table>
## TABLE 4
### SUMMARY OF SOIL ANALYSES
#### FOUNDRY FLOOR
##### ROCK HILL, SOUTH CAROLINA

<table>
<thead>
<tr>
<th>Methodology</th>
<th>Arsenic</th>
<th>Barium</th>
<th>Cadmium</th>
<th>Total Chromium</th>
<th>Lead</th>
<th>Mercury</th>
<th>Selenium</th>
<th>Silver</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(mg/kg)</td>
<td>(mg/kg)</td>
<td>(mg/kg)</td>
<td>(mg/kg)</td>
<td>(mg/kg)</td>
<td>(mg/kg)</td>
<td>(mg/kg)</td>
<td>(mg/kg)</td>
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<tr>
<td>EPA Region IX Residential Standard</td>
<td>0.39</td>
<td>5400</td>
<td>37</td>
<td>210</td>
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<td>EPA Region IX Industrial Standard</td>
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<td>450</td>
<td>800</td>
<td>310</td>
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<table>
<thead>
<tr>
<th>Area</th>
<th>Sample Name</th>
<th>Date sampled</th>
<th>Depth (feet)</th>
<th>Arsenic</th>
<th>Barium</th>
<th>Cadmium</th>
<th>Total Chromium</th>
<th>Lead</th>
<th>Mercury</th>
<th>Selenium</th>
<th>Silver</th>
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<tr>
<td>Foundry Floor</td>
<td>SS-1</td>
<td>5/12/2010</td>
<td>1 6010/7471</td>
<td>16.1</td>
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<td>468</td>
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Notes:
- NA: Not Analyzed
- ND: Not Detected
- **indicates soil was excavated**
- **indicates an exceedance of the residential RPG**
- **indicates an exceedance of the industrial RPG**

ug/kg: micrograms per kilogram
mg/kg: milligrams per kilogram
# TABLE 5
## SUMMARY OF WATER SAMPLE ANALYSES
### MAY 2010
#### THE BLEACHERY
##### ROCK HILL, SC

<table>
<thead>
<tr>
<th>Analytical Methodology</th>
<th>Chloroform</th>
<th>1,4-dichlorobenzene</th>
<th>Tetrachloroethylene</th>
<th>Carbon Tetrachloride</th>
<th>Dichloromethane</th>
<th>Carbon Disulfide</th>
<th>Trichloroethylene</th>
<th>Toluene</th>
<th>Ethylbenzene</th>
<th>Benzene</th>
<th>Xylenes</th>
<th>Styrene</th>
<th>Toluene</th>
<th>Ethylbenzene</th>
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<td>12.9</td>
<td>3.5</td>
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<td>305</td>
<td>381</td>
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<td>EPA Region IX Drinking Water Target Concentration</td>
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**Notes:**
- ND: Not Detected
- ug/L: Micrograms per Liter
- Shading indicates an exceedance of a groundwater standard.
- mg/L: Milligrams per Liter

**Area** | **Sample Name** | **Date sampled** | **Main Building EW-2 5/13/2010** | **Main Building EW-3 5/13/2010** | **Main Building EW-4 5/13/2010** | **Main Building EW-5 5/13/2010** | **Main Building Ext. MW-3 5/13/2010** |
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</tbody>
</table>
Property Report for Parcel Number: 5981101001

Owner

Owner Name: R H P & F LLC % ELA
Address: PO BOX 2452
City/State: ROCK HILL S C
Zip Code: 29732

Disclaimer: While every effort is made to keep information provided over the internet accurate and up-to-date, York County does not certify the authenticity or accuracy of such information. No warranties, express or implied, are provided for the records and/or mapping data herein, or for their use or interpretation by the User.

Property

Parcel Number: 5981101001
Land Value: $575000
Total Lots: 0
AG Use: AG Use Value:
Total Acres: 23
Previous Owner: YORK PRINTING & FINISHING INC
Deed Book: 5046
Platt Book: B14
Sale Price: $600000
Deed Book Page: 55
Platt Book Page: 2
Sale Date: 2/24/03
School District: 3
Municipality: RH
Fire Code: Voter District:
Property Location: WILSON

Building/Structure

Prop. Classification: Number of Stories:
Heating Type: Year Built:
Living Area(Sq. Ft.): Garage Area: NO
Basement: Fireplace:
Bathrooms: Bldg. Value: $0
Total Imp. Value:

Assessment

Total Assessed Value: $34500
Total Tax Value: $575000

Total Market Value*: $575000

* - This property may have been re-valued due to an Assessable Transfer of Interest
Property Report for Parcel Number: 5981101001

Inquiry Date: 6/12/2010

Owner

Owner Name: R H P & F LLC % ELA
Address: PO BOX 2452
City/State: ROCK HILL S C
Zip Code: 29732

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Fireplace: 
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Total Imp. Value: 

Assessment

Total Assessed Value: $34500
Total Tax Value: $575000
Total Market Value*: $575000
* - This property may have been re-valued due to an Assessable Transfer of Interest
The Bleachery Water Treatment Plant, inclusive of its building and above and in-ground filtration/purification basins, is significant in the textile development of the city of Rock Hill and for how it supported and made possible the expansion of the textile industrial complex there. In addition, it is significant as an excellent local example of Colonial Revival architecture. The Bleachery Water Treatment Plant is a one-story brick building and filtration/purification facility constructed in 1930 as part of a large textile facility development. The Rock Hill Printing and Finishing Company (locally known as the Bleachery) was a major investment in Rock Hill by M. Lowenstein Company of New York City. To serve the massive new facility and the growing city, the citizens of Rock Hill passed a bond issue to create a new water treatment facility. A raw water intake on the Catawba River and large water mains were constructed to the site of the treatment facility on the northwest corner of the Bleachery complex. Listed in the National Register March 6, 2008.

View the complete text of the nomination form for this National Register property.

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M. Lowenstein & Sons, Lyman, SC

M. Lowenstein Companies

The M. Lowenstein Company began in 1889 in New York City as a small textile importing business. Morris Lowenstein and his sons Abram and Leon expanded the firm by providing cloth directly to small garment manufacturing firms and selling fabrics with slight flaws. The company was incorporated in 1918 with a net worth of $2.7 million.

During the 1920s, the firm decided to control product quality by building its own finishing plant. In 1929, the Rock Hill Printing and Finishing Plant was built. In 1946, Lowenstein expanded into the manufacturing of greige cloth by purchasing several well-established textile mills in the Southeast: Merrimack Manufacturing Mills in Huntsville, Alabama, and Orr Mills in Anderson, South Carolina. During the 1950s, Lowenstein acquired further greige goods plants: Aleo Manufacturing in Rockingham, North Carolina, Spofford Mills in Wilmington, North Carolina, Chiquola Mills in Honea Path, South Carolina and Covington Mills in Covington, Georgia. In 1954, the firm broadened its product line through the purchase of Wamsutta Mills in New Bedford, Massachusetts with its garment, industrial fabrics, towels, and sheet lines and the Pacific Mills in Columbia and Lyman, South Carolina with their sheeting, industrial fabrics, and towel lines. The corporation prospered during the 1960s and 1970s but retrenched during the 1980s by closing some mills, selling off certain product lines such as its urethane plant at Rock Hill, South Carolina and its children's wear fabrics at Rockingham, North Carolina. In 1986, Springs Industries purchased M. Lowenstein and merged its operations with its own operations.

Rock Hill Printing and Finishing Plant

The building of the Rock Hill Printing and Finishing Plant moved M. Lowenstein halfway along the way to becoming a totally integrated producer of textiles. The Rock Hill plant bleached, dyed, printed and finished cloth purchased from a variety of sources, primarily in the South. The rapid expansion of Lowenstein through the acquisition of textile mills produced the raw material for the plant and resulted in its own expansion. By the early 1960s, it grew from a plant with 200,000 square feet to one with more than 2 million square feet, which bleached, dyed, and finished both cotton and synthetic fabrics. New processes such as Sanforizing and the use of Scotchgard TM finishing permitted it to create permanent press cloth during the 1970s. Acquired by Springs Industries in 1986, the plant included 23 roller print machines and 7 screen print machines.

Pacific Mills

Pacific Mills was founded in 1852 in Lawrence, Massachusetts, where it manufactured prints and fancy cottons as well as worsted goods in its woolen mill operations. In the early 1900s, Pacific Mills acquired several cotton mills in Columbia, South Carolina that produced broadcloth and shirting and one in Lyman, South Carolina, which produced sheets and pillowcases and included a finishing operation. In 1955, M. Lowenstein acquired the Pacific Mills.
Lyman Printing and Finishing, Lyman, SC

In 1972 Charles B. Palmer went to Lyman to report directly to James F. Magarahan, VP and General Manager reporting to major stockholder (owner) Robert Bendheim, for the express purpose of leading the design, building, equipping, and staffing of a flocking plant to produce crushed velvets and upholstery fabrics. Since this was his experience of two years spent with Milliken at their Calumet Plant in LaGrange, GA, he was emminently qualified for the task. The start-up was completed according to schedule and started up with few difficulties. For about two years Palmer operated Wamsutta Flocked Fabrics and then was asked to assist Les Heaton at Lyman Printing and Finishing. Les, also originally from Milliken, had been brought in by Magarahan to report to him for the operation of Lyman Printing and Finishing and had requested his help in the Preparation and Continuous Dyeing Departments. He was happy to take on this task, which brought him back to his major field of interest...and operating the flocking plant was becoming too routine.

In the middle 1970s, Lyman was the second largest plant of its type in the US textile industry (only Springs’ Grace Bleachery produced more yards per week) producing 7,000,000 yards per week of woven fabrics from 36” to 110” in width, over a broad range of weight from very light to bottom weights, decorated by roller printing, screen printing, beck dyeing and continuous dyeing. The end use was generally apparel and sheeting but also included a small but successful industrial department whose most expensive and successful product was silver cloth used to line containers for storage of silver table ware or make the fabric holders for silver table ware. The fabric truly contained a measured amount of silver, which tarnished instead of the silver ware it contained.

The above barely touches on the variety of the product line and the complexity of the equipment used to produce it.... Tommy Dodds and similar archaic machines were still in use. (Note: A Tommy Dodd was a back-coating machine used to apply very viscous coatings to the reverse side of fabric where all interstices were filled). The production scheduling and control problems were enormous. Quality results were far less than desired and not acceptable. Each department superintendent operated his own fiefdom and production equipment was on three floors in an antiquated building. Marketing headquartered in New York was organized and operated in the same way with independent fiefdoms. In spite of all this, the Lyman printing and finishing operation made money according to the accountants who also could point to product lines, which were constant losers...but yet...
During the next several years, management reduced the weekly production from seven million yards to five million, the number of employees from approximately 1000 to approximately 650, eliminated all roller printing, and made significantly more money as a result (roller printing was rapidly being replaced by rotary screen printing). Quality and productivity problems in preparation and dyeing were largely overcome and, for the most part, every one was "pulling in the same direction". At this point the Wamsutta Dye Plant was built adjacent to the Lyman plant. It had Gaston County Jets and two tenter frames. All preparation was done at Lyman but drying and finishing took place in the new plant. Inspection and packing, etc. was done at Lyman. Palmer was asked to start up and operate this plant and did so successfully for about two years.

Then more personnel changes were made at Lyman, which resulted in his return to the main plant in charge of all production and related services. The company continued to take out or mothball obsolete equipment, streamline processes, improve quality and production, and even replace old equipment with new while adding integrated process controls.

Lyman was also the location for a large domestic cut and sew operation that produced sheets, pillowcases, comforters and the like under the Wamsutta label. It was also home to Lowenstein's research division, a screen manufacturing operation and design center, a water treatment facility for the operations at Lyman, and a waste disposal system serving Lyman, Duncan, and Startex.

At the end of 1982, after 10 very happy years, Palmer joined Kurt Zimmerli at Zima Corporation to continue a good and fruitful association, which really began in 1962 at the start of this story at the inception of a new dyeing and finishing plant (see Magnolia Finishing). (Palmer)

In 1992, the Lyman Printing and Finishing Company was a division of Springs Industries with bleaching, dyeing, printing, and finishing using seventeen dye machines and seven screen printers. The Columbia Division of Springs included the Granby and Olympia Mills, which employed 1300 in 1992 with 134,540 ring spindles and 1450 broad looms.

Sources:

Palmer, Charles B., personal communication 2007-2008

http://www.lib.clemson.edu/SpCol/findingaids/Mss/lowenstein_1.pdf

http://query.nytimes.com/gst/fullpage.html?res=9407EEDB143BF93BA3575BC0A967948260 Clark Schwebel

http://www.time.com/time/magazine/article/0,9171,820362,00.html Lowenstein Wamsutta Mills 1954

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Springs Announces Closing Of Rock Hill Printing and Finishing Plant

ROCK HILL, S.C., Feb. 17 /PRNewswire/ -- Springs Industries (NYSE: SMI) today announced it will close its 69-year-old Rock Hill Printing and Finishing Plant, probably by midyear. About 480 of the 770 jobs at the facility will be eliminated.

Robert W. Moser, president of Springs' Specialty Fabrics Group, said the company will continue to serve its retail fabrics customers. He said Springs will consolidate most of the Rock Hill production into its more modern finishing facilities and contract for the remainder. Moser said the Rock Hill plant is not cost-competitive, modernization is not economically feasible, and repeated efforts to sell the plant as a going ...

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United States Department of the Interior
National Park Service

National Register of Historic Places
Registration Form

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in How to Complete the National Register of Historic Places Registration Form (National Register Bulletin 16A). Complete each item by marking "x" in the appropriate box or by entering the information requested. If any item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer to complete all items.

1. Name of Property

| historic name                          | Bleacher Water Treatment Plant |
| other names/site number               | Bleacher Pump House           |

2. Location

| street & number      | Stewart Avenue                |
| city or town         | Rock Hill                     |
| state                | South Carolina                |
| code                 | SC                            |
| county               | York                          |
| code                 | 091                           |
| zip code             | 29730                         |

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1986, as amended, I hereby certify that this _X_ nomination _ request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property _X_ meets _ does not meet the National Register Criteria. I recommend that this property be considered significant _ nationally _ statewide _X_ locally. (_ See continuation sheet for additional comments.)

Signature of certifying official         Date

Elizabeth M. Johnson, Deputy State Historic Preservation Officer, S.C. Dept. of Archives and History, Columbia, S.C.
State or Federal agency and bureau

In my opinion, the property _ meets _ does not meet the National Register criteria. (_ See continuation sheet for additional comments.)

Signature of commenting or other official Date

State or Federal agency and bureau

4. National Park Service Certification

I, hereby certify that this property is:

_ entered in the National Register
_ determined eligible for the National Register
_ determined not eligible for the National Register
_ removed from the National Register
_ other (explain):
5. Classification

<table>
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<th>Ownership of Property</th>
<th>Category of Property</th>
<th>Number of Resources within Property</th>
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<td>(Check only one box)</td>
<td>(Do not include previously listed resources)</td>
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Name of related multiple property listing
(Enter "N/A" if property is not part of a multiple property listing.)
Historic Resources of Rock Hill, S.C.
Number of contributing resources previously listed in the National Register 0

6. Function or Use

Historic Functions
(Enter categories from instructions)
Category: Government Subcategory: Public Works/Water System

Current Functions
(Enter categories from instructions)
Category: Vacant/Not In Use Subcategory:

7. Description

Architectural Classification
(Enter categories from instructions)
Colonial Revival

Materials
(Enter categories from instructions)
foundation Brick
walls Brick
roof Slate
other

Narrative Description
(Describe the historic and current condition of the property on one or more continuation sheets.)
8. Statement of Significance

Applicable National Register Criteria
(Mark “x” in one or more boxes for the criteria qualifying the property for National Register listing)
- A Property is associated with events that have made a significant contribution to the broad patterns of our history.
- B Property is associated with the lives of persons significant in our past.
- C Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- D Property has yielded, or is likely to yield information important in prehistory or history.

Criteria Considerations
(Mark “X” in all the boxes that apply.)
- a owned by a religious institution or used for religious purposes.
- b removed from its original location.
- c a birthplace or a grave.
- d a cemetery.
- e a reconstructed building, object, or structure.
- f a commemorative property.
- g less than 50 years of age or achieved significance within the past 50 years.

Areas of Significance
(Enter categories from instructions)
- Industry
- Architecture

Period of Significance
1930-1957

Significant Dates
1930

Significant Person
(Complete if Criterion B is marked above)

Cultural Affiliation
N/A

Architect/Builder
A.H. Guion Company

Narrative Statement of Significance
Explain the significance of the property on one or more continuation sheets.

9. Major Bibliographical References
(Cite the books, articles, and other sources used in preparing this form on one or more continuation sheets.)

Previous documentation on file (NPS):
- preliminary determination of individual listing (36 CFR 67) has been requested.
- previously listed in the National Register
- previously determined eligible by the National Register
- designated a National Historic Landmark
- recorded by Historic American Buildings Survey #
- recorded by Historic American Engineering Record #

Primary location of additional data:
- State Historic Preservation Office
- Other State agency
- Federal agency
- Local government
- University
- Other

Name of repository:
York County Public Library,
Rock Hill, S.C.
10. Geographical Data

Acreage of Property: Approximately 1 acre

UTM References
(Place additional UTM references on a continuation sheet)

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See continuation sheet.

Verbal Boundary Description: (Describe the boundaries of the property on a continuation sheet.)

Boundary Justification: (Explain why the boundaries were selected on a continuation sheet.)

11. Form Prepared By

name/title: Paul Gettys
organization: 
date: 18 January 2008
street & number: 4180 Cureton Ferry Road
telephone: (803) 329-3567
city or town: Catawba
state: S.C.
zip code: 29704

Additional Documentation

Submit the following items with the completed form:

Continuation Sheets
Maps
A USGS map (7.5 or 15 minute series) indicating the property's location.
A sketch map for historic districts and properties having large acreage or numerous resources.

Photographs
Representative black and white photographs of the property.

Additional items
(Check with the SHPO or FPO for any additional items)

Property Owner

(name) City of Rock Hill
(street & number) P.O. Box 11706
city or town: Rock Hill
state: S.C.
zip code: 29731
telephone: (803) 329-8721

Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C. 470 et seq.). Estimated Burden Statement: Public reporting burden for this form is estimated to average 18.1 hours per response including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Chief, Administrative Services Division, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; and the Office of Management and Budget, Paperwork Reduction Project (1024-0018), Washington, DC 20503.
The Bleachery Water Treatment Plant is a one-story brick building and filtration/purification facility constructed in 1930 as part of a large textile facility development in Rock Hill, South Carolina. The Rock Hill Printing and Finishing Company (locally known as the Bleachery) was a major investment in Rock Hill by M. Lowenstein Company of New York City. To serve the massive new facility and the growing city, the citizens of Rock Hill passed a bond issue to create a new water treatment facility. A raw water intake on the Catawba River and large water mains were constructed to the site of the treatment facility on the northwest corner of the Bleachery complex.

The one-story brick building has a front section with a cross-gable roof. The ends feature a single large metal window in each wall with a raised parapet and a concrete cap. The façade (facing northwest) has a central entrance pavilion with a decorative cast stone surround and pediment. Above the pediment are a window and louvered ventilator within a front-facing, paraped gable. The building has its original slate roof with exposed, decorative wooden rafter tails. As with the central front gable, both end gables feature a capped parapet and cast stone surrounded ventilators. To the rear is a lower-profiled, one-story projecting ell with a paraped-gable roof. A chimney rises from a rear shed-roofed extension. Windows are large, placed symmetrically and feature steel frames with operable hopper panels.

The interior includes water basins for purification processes, a laboratory, and offices. To the front of and partially surrounding the building are a series of concrete, steel and wood filtration and purification basins with all of their equipment that is integral to the operation of the treatment plant.

The building is at the northwest corner of the former Bleachery complex and is bordered by Stewart Avenue to the front (northwest) and a rail line to the north. Remnants of textile mill housing are across Stewart Avenue, along with a new student housing complex associated with Winthrop University. The Winthrop campus is located diagonally across Stewart Avenue. Across the railroad track is a residential area along Ebenezer Avenue that was historically associated with Bleachery employees.

The Bleachery Water Treatment Plant is located in the Rock Hill textile corridor, which is undergoing a redevelopment process by the City of Rock Hill and private developers. The Winthrop University campus is also expanding in the area to the west of the property.
The Bleachery Water Treatment Plant, inclusive of its building and above and in-ground filtration/purification basins, is significant in the textile development of the city of Rock Hill, South Carolina, and is eligible for the National Register of Historic Places under Criterion A for how it supported and made possible the expansion of the textile industrial complex there. In addition, it is eligible under Criterion C as an excellent local example of Colonial Revival architecture within a complex that helped to transform the city into an important textile center in upstate South Carolina.

By 1928, Rock Hill had become established as a leading textile center, with eight cotton mills, two yarn mills, a hosiery mill, and other industries. However, during the late 1920s, one of the area’s major employers, the Anderson Motor Car Company, had ceased operations and had left a large manufacturing facility vacant in the center of Rock Hill. Under the leadership of banker and civic leader Charlie Cobb and others, the city recruited a national investor, M. Lowenstein Company, which announced in November 1928 its intention to construct the Rock Hill Printing and Finishing Company complex, known locally as the Bleachery. The Bleachery would use the old Anderson Motor facility and expand it significantly to create a twelve-acre manufacturing complex for taking cotton cloth produced at other mills, bleaching it, and dying and printing the cloth. The facility would need several million gallons of water per day, while the city’s existing capacity was only one million. City leaders proposed a $300,000 bond referendum to pay for extensive water system improvements, and it passed with strong local support. The city’s water works expansion was undertaken concurrently with the construction of the Bleachery. The contract was let in April 1929 for six-mile water lines from the Catawba River and a new filtration plant at the site of the Bleachery. The massive project was bid to a number of firms. The building and filter plant were constructed by A. H. Guion Company of Gastonia, North Carolina. The project, in operation by February 1930, included a handsome water treatment building and elevated and in-ground storage for 700,000 gallons of treated water. It provided a capacity of four and a half million gallons per day for the Bleachery and three million for the city.

The Bleachery Water Treatment Plant was an important part of the expansion of the textile industry in Rock Hill. The Rock Hill Printing and Finishing Company grew to be one of the largest textile mills in the world and the largest employer in Rock Hill. Other portions of the Bleachery are not being nominated because non-historic alterations have impacted to a significant degree the integrity of the textile complex.

While Rock Hill suffered from the Great Depression of the 1930s along with the rest of the nation, the impact of the Depression was lessened by the presence of the Bleachery, which never ceased operation during the period of economic crisis. The water treatment facility was essential to the operation of such a large facility and was important to the continued growth of the city. It represented a state of the art facility for a small southern town. The building, relatively unchanged, is no longer used for water treatment and is vacant.

The Bleachery Water Treatment Plant meets the registration requirements of the property type “Textile Mill Buildings and Related Buildings” of the multiple property submission “Historic Properties of Rock Hill, S.C.”
National Register of Historic Places
Continuation Sheet

Section number 10    Page 7    Bleachery Water Treatment Plant
Name of Property
York County, South Carolina
County and State

Verbal Boundary Description

The boundary includes the Bleachery Water Treatment Plant structure and an area immediately surrounding it bounded as follows: to the front (northwest) Stewart Avenue; to the side (northeast) the Norfolk Southern rail line; to the rear (southeast) a line parallel to Stewart Avenue and fifty feet from the rear of the building; and to the side (southwest) a line parallel to the rail line and intersecting with the center line of Rose Street.

Boundary Justification

The boundary includes the building and its immediate surroundings. The Bleachery Water Treatment Plant was originally located on the grounds of an extensive textile complex totaling over 1.3 million square feet. The entire complex is undergoing demolition and renovation as part of an economic development project, and the historic connection of the water treatment plant to the rest of the complex will be altered.
The following information is the same for each of the photographs:

Name of Property: Bleachery Water Treatment Plant
Location of Property: Stewart Avenue, Rock Hill
                    York County, South Carolina

Name of Photographer: Paul Gettys
Date of Photographs: 24 May 2007
Location of Original Digital Images: S.C. Department of Archives & History, Columbia, S.C.

1. North elevation [facade] with water filtration basins in foreground
2. Detail of front [north] elevation
3. Central front gable with entrance and parapet
4. Cast stone entrance surround
5. Detail of entrance pediment
6. West elevation
7. West elevation showing rear gabled ell
8. Rear gabled ell elevation
9. Detail of slate roof, decorative eave and gabled parapet
Fire At Old Mill Burns Through Weekend

Posted: 3:02 pm EDT July 3, 2009
Updated: 11:05 pm EDT July 5, 2009

ROCK HILL, S.C. -- Crews have contained a massive fire at the former Rock Hill Printing and Finishing Company in Rock Hill, but the flames are still burning. On Saturday, firefighters said they expected the flames to continue to smolder for several more days.

Dozens of firefighters worked throughout the night Friday to put out smoke and flames, also known as the Bleachery, on White Street near Dave Lyle Boulevard.

Firefighters said the fire was far from out, but is contained. It started burning around 1 p.m. Friday.

Investigators do not know if anyone was inside, and they can’t search because firefighters think it could burn for several more days. The state guard is monitoring the mill for security.

Maxine Adams went door-to-door to alert her neighbors of the fire. "I called 911, then I went from house to house to get everyone out on this side," she said.

“You could see glass melting while burning. It was one of the weirdest things I’ve seen," said Zach Amos, who witnessed the fire. “I could feel it where I was standing right back of the house. It was insane," he said.

The fire sent thick smoke into the air near downtown Rock Hill. Witnesses reported they saw it all the way in Chester County.

Firefighters said the tar on the roof is on fire and flames are breaking through the walls, but they don’t believe any neighboring buildings are in danger. They said they are slowing getting the fire under control.

So far, no one has been injured in the blaze.

The city’s Fourth of July celebration, Red, White & Boom, continued as planned. Visitors are asked to stay on the City Hall side of Dave Lyle Boulevard so as not to hamper the firefighter's efforts to contain the smoke.

According to The Herald in Rock Hill, the Bleachery has been closed for about 10 years, but at one time it was a huge textile mill that employed thousands of workers.

Rock Hill city officials said the vacant building was slated for demolition.

- IMAGES: Fire Engulfs Old Bleachery In Rock Hill
- RAW VIDEO: Chopper 9 Shows Fire Engulfing Bleachery

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Fire At Old Mill Burns Through Weekend - News Story - WSOC Charlotte

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The Little Things Can Get You Promoted
In the workplace it's the little things that get you noticed and help you stand out above the rest. Do these things and increase your chances for a promotion. Full Story »

Slowing The Progression Of Alzheimer's
Learn about the 5 things that can actually help slow the progression of Alzheimer's. Full Story »

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Fire At Old Mill Burns Through Weekend - News Story - WSOC Charlotte

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Featured

See What's Playing
Why pay full price when you can Just Pay Half?
Protect Your Money
8 Home Selling Dos And Don'ts

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Restaurants

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Convergence
EEO Information
EEO Public File
Report
WSOC/WAXN Jobs
Long-Term Recruitment Initiatives
WAXN TV 64
Website Feedback
What's On TV
RSS

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Holiday Guide
Auto
Classifieds
Contests
Charlotte Jobs
Find It
Just Pay Half
Gift Ideas
Sign Up For E-Deals

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This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.
APPENDIX B
Site Name: The Bleachery
420 East White Street
Rock Hill, SC

Project Number: 0029-001
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APPENDIX C
The EDR Radius Map with GeoCheck®

The Bleachery
420 White Street
Rock Hill, SC  29730

Inquiry Number: 2054679.2s

October 17, 2007

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com
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Thank you for your business.
Please contact EDR at 1-800-352-0050 with any questions or comments.

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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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

420 WHITE STREET
ROCK HILL, SC 29730

COORDINATES

<table>
<thead>
<tr>
<th>Latitude (North):</th>
<th>34.933000 - 34° 55' 58.8''</th>
</tr>
</thead>
<tbody>
<tr>
<td>Longitude (West):</td>
<td>81.030900 - 81° 1' 51.2''</td>
</tr>
<tr>
<td>Universal Tranverse Mercator: Zone 17</td>
<td></td>
</tr>
<tr>
<td>UTM X (Meters):</td>
<td>497178.0</td>
</tr>
<tr>
<td>UTM Y (Meters):</td>
<td>3865416.2</td>
</tr>
<tr>
<td>Elevation:</td>
<td>658 ft. above sea level</td>
</tr>
</tbody>
</table>

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 34081-H1 ROCK HILL WEST, SC
Most Recent Revision: 1984

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 6 of the attached EDR Radius Map report:

<table>
<thead>
<tr>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>420 WEST WHITE STREET</td>
<td>ERNS</td>
<td>N/A</td>
</tr>
<tr>
<td>420 WEST WHITE STREET</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROCK HILL, SC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROCK HILL PRINTING AND FINISHING</td>
<td>ALLSITES</td>
<td>N/A</td>
</tr>
<tr>
<td>420 WEST WHITE STREET</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROCK HILL, SC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>420 W. WHITE ST</td>
<td>ERNS</td>
<td>N/A</td>
</tr>
<tr>
<td>420 W. WHITE ST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROCK HILL, SC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPRINGS INDUSTRIES INC. RHP F</td>
<td>RCRA-SQG</td>
<td>SCD987574613</td>
</tr>
<tr>
<td>420 W WHITE STREET</td>
<td>SHWS</td>
<td></td>
</tr>
<tr>
<td>ROCK HILL, SC 29731</td>
<td>FINDS</td>
<td></td>
</tr>
<tr>
<td>ROCK HILL PRINTING AND FINISHING</td>
<td>LUST</td>
<td>N/A</td>
</tr>
<tr>
<td>420 W WHITE ST</td>
<td>UST</td>
<td></td>
</tr>
<tr>
<td>ROCK HILL, SC 29731</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
EXECUTIVE SUMMARY

ROCK HILL PRINTING AND FINISHING
420 W WHITE ST
ROCK HILL, SC  29731
GWCI
LUST
No Action Required: 07/30/96
UST

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:

FEDERAL RECORDS

- NPL: National Priority List
- Proposed NPL: Proposed National Priority List Sites
- Delisted NPL: National Priority List Deletions
- NPL LIENS: Federal Superfund Liens
- CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
- CORRACTS: Corrective Action Report
- RCRA-TSDF: Resource Conservation and Recovery Act Information
- RCRA-LQG: Resource Conservation and Recovery Act Information
- HMIRS: Hazardous Materials Information Reporting System
- US ENG CONTROLS: Engineering Controls Sites List
- US INST CONTROL: Sites with Institutional Controls
- DOD: Department of Defense Sites
- FUDS: Formerly Used Defense Sites
- CONSENT: Superfund (CERCLA) Consent Decrees
- ROD: Records Of Decision
- UMTRA: Uranium Mill Tailings Sites
- ODI: Open Dump Inventory
- TRIS: Toxic Chemical Release Inventory System
- TSCA: Toxic Substances Control Act
- FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
- SSTS: Section 7 Tracking Systems
- LUCIS: Land Use Control Information System
- DOT OPS: Incident and Accident Data
- ICIS: Integrated Compliance Information System
- DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
- HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
- US CDL: Clandestine Drug Labs
- RADINFO: Radiation Information Database
- LIENS 2: CERCLA Lien Information
- PADS: PCB Activity Database System
- MLTS: Material Licensing Tracking System
- MINES: Mines Master Index File
- RAATS: RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

- SWF/LF: Permitted Landfills List
EXECUTIVE SUMMARY

AST............................ Aboveground Storage Tank List
SC Spills...................... Spills Database List
AUL............................. Land Use Controls
VCP............................. Voluntary Cleanup Sites
DRYCLEANERS............... Drycleaner Database
BROWNFIELDS............... Brownfields Sites Listing
NPDES......................... Waste Water Treatment Facilities Listing
AIRS............................ Permitted Airs Facility Listing

TRIBAL RECORDS
INDIAN RESERV,............. Indian Reservations
INDIAN LUST.................. Leaking Underground Storage Tanks on Indian Land
INDIAN UST................... Underground Storage Tanks on Indian Land

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.

FEDERAL RECORDS

CERCLIS-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 06/21/2007 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Dist / Dir</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATIONAL FENCE MFG CO</td>
<td>181 N LEE ST</td>
<td>0 - 1/8</td>
<td>WNW 9</td>
<td>19</td>
</tr>
</tbody>
</table>

RCRAInfo: 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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

**US BROWNFIELDS:** The EPA’s listing of Brownfields properties addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/20/2007 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

**STATE AND LOCAL RECORDS**

**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 08/06/2007 has revealed that there are 4 SHWS sites within approximately 1 mile of the target property.
**EXECUTIVE SUMMARY**

GWIC: 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 07/01/2006 has revealed that there are 7 GWCI sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Dist / Dir</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>DICKS STATION INC 1</td>
<td>515 HWY 52 N</td>
<td>1/8 - 1/4NW</td>
<td>D20</td>
<td>30</td>
</tr>
<tr>
<td>ONE STOP GROCERIES</td>
<td>275 S CHARLOTTE AVE</td>
<td>1/4 - 1/2ESE</td>
<td>27</td>
<td>43</td>
</tr>
<tr>
<td>WADE WILLIAMS GULF</td>
<td>122 S OAKLAND AVE</td>
<td>1/4 - 1/2SE</td>
<td>F29</td>
<td>46</td>
</tr>
<tr>
<td>WICKES LUMBER CO</td>
<td>133 E MAIN ST</td>
<td>1/4 - 1/2SSE</td>
<td>G31</td>
<td>49</td>
</tr>
<tr>
<td>PARTY WORLD</td>
<td>1307 E MAIN ST</td>
<td>1/4 - 1/2SSE</td>
<td>G34</td>
<td>52</td>
</tr>
</tbody>
</table>

**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 06/18/2007 has revealed that there are 17 LUST sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Dist / Dir</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MARSHALL FAMILY PARTNERSHIP</td>
<td>241 W WHITE ST</td>
<td>0 - 1/8 SE</td>
<td>8</td>
<td>18</td>
</tr>
<tr>
<td>WYLIES TEXACO</td>
<td>174 W WHITE ST</td>
<td>1/8 - 1/4SE</td>
<td>B12</td>
<td>23</td>
</tr>
<tr>
<td>ROSANNE MOORE BARNES PROPERTY</td>
<td>323 W MAIN ST</td>
<td>1/8 - 1/4SW</td>
<td>C16</td>
<td>27</td>
</tr>
<tr>
<td>OPERATIONS CENTER</td>
<td>349 COLUMBIA AVE</td>
<td>1/8 - 1/4NW</td>
<td>D19</td>
<td>30</td>
</tr>
<tr>
<td>WINTHROP UNIVERSITY ROCK HILL</td>
<td>701 OAKLAND AVE</td>
<td>1/4 - 1/2NE</td>
<td>21</td>
<td>31</td>
</tr>
<tr>
<td>FORMER OAKLAND AVE STATION</td>
<td>104 OAKLAND AVE</td>
<td>1/4 - 1/2ESE</td>
<td>E24</td>
<td>40</td>
</tr>
<tr>
<td>FORMER OVERHEAD STATION</td>
<td>103 W OAKLAND AVE</td>
<td>1/4 - 1/2ESE</td>
<td>E26</td>
<td>42</td>
</tr>
<tr>
<td>ONE STOP GROCERIES</td>
<td>275 S CHARLOTTE AVE</td>
<td>1/4 - 1/2ESE</td>
<td>27</td>
<td>43</td>
</tr>
<tr>
<td>WADE WILLIAMS GULF</td>
<td>122 SOUTH OAKLAND AVE</td>
<td>1/4 - 1/2SE</td>
<td>F28</td>
<td>45</td>
</tr>
<tr>
<td>WICKES LUMBER CO</td>
<td>133 E MAIN ST</td>
<td>1/4 - 1/2SSE</td>
<td>G32</td>
<td>50</td>
</tr>
<tr>
<td>PARTY WORLD</td>
<td>1307 E MAIN ST</td>
<td>1/4 - 1/2SSE</td>
<td>G33</td>
<td>51</td>
</tr>
<tr>
<td>ROCK HILL ECONOMIC DEVELOPMENT</td>
<td>140 E MAIN ST</td>
<td>1/4 - 1/2SSE</td>
<td>G35</td>
<td>54</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Dist / Dir</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MARSHALL TIRE SERVICE INC</td>
<td>202 W MAIN ST</td>
<td>1/8 - 1/4SSW</td>
<td>13</td>
<td>24</td>
</tr>
<tr>
<td>MAIN POST OFFICE</td>
<td>206 S WILSON ST</td>
<td>1/4 - 1/2SSW</td>
<td>22</td>
<td>39</td>
</tr>
</tbody>
</table>

TC2054679.2s EXECUTIVE SUMMARY 5
**Executive Summary**

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Dist / Dir</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CATAWBA TRUCKING &amp; TRANSP DIV</strong></td>
<td>227 W MOORE ST</td>
<td>1/4 - 1/2SW</td>
<td>30</td>
<td>48</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>FAST PACE STORE</strong></td>
<td>106 S CHERRY RD</td>
<td>1/4 - 1/2NW</td>
<td>H38</td>
<td>56</td>
</tr>
</tbody>
</table>

No Action Required: 12/29/92

**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 06/18/2007 has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Dist / Dir</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MARSHALL FAMILY PARTNERSHIP</strong></td>
<td>241 W WHITE ST</td>
<td>0 - 1/8 SE</td>
<td>8</td>
<td>18</td>
</tr>
<tr>
<td>WYLIES TEXACO</td>
<td>174 W WHITE ST</td>
<td>1/8 - 1/4SE</td>
<td>B11</td>
<td>22</td>
</tr>
<tr>
<td>ROSANNE MOORE BARNES PROPERTY</td>
<td>323 W MAIN ST</td>
<td>1/8 - 1/4SW</td>
<td>C15</td>
<td>27</td>
</tr>
<tr>
<td>OPERATIONS CENTER</td>
<td>349 COLUMBIA AVE</td>
<td>1/8 - 1/4NW</td>
<td>D18</td>
<td>28</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Dist / Dir</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MARSHALL TIRE SERVICE INC</strong></td>
<td>202 W MAIN ST</td>
<td>1/8 - 1/4SSW</td>
<td>13</td>
<td>24</td>
</tr>
</tbody>
</table>

**EDR Proprietary Records**

**EDR 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.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there is 1 Manufactured Gas Plants site within approximately 1 mile of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Dist / Dir</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ROCK HILL GAS CO</strong></td>
<td>N LEE STREET</td>
<td>1/8 - 1/4WSW</td>
<td>14</td>
<td>27</td>
</tr>
</tbody>
</table>
Due to poor or inadequate address information, the following sites were not mapped:

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Database(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATIONAL FENCE MFG CO INC</td>
<td>ALLSITES</td>
</tr>
<tr>
<td>FORMER INDUSTRIAL CHEMICAL CO. LANDFILL</td>
<td>GWCI, RCRA-SQG, SHWS, FINDS, RAATS, CERC-NFRAP</td>
</tr>
<tr>
<td>FERGUSON SITE</td>
<td></td>
</tr>
<tr>
<td>LANXESS CORP ROCK HILL SITE</td>
<td></td>
</tr>
<tr>
<td>1ST BANK FIRST FEDERAL SAVINGS</td>
<td></td>
</tr>
<tr>
<td>ROCK HILL MGP</td>
<td></td>
</tr>
<tr>
<td>ELECTRIC SERVICE COMPANY</td>
<td></td>
</tr>
<tr>
<td>WILLINGHAM TRACT DUMP SITE</td>
<td></td>
</tr>
<tr>
<td>BELK SITE</td>
<td></td>
</tr>
<tr>
<td>TECH PARK PROPERTY</td>
<td></td>
</tr>
<tr>
<td>TWIN LAKES - LILY GLEN</td>
<td></td>
</tr>
<tr>
<td>LANDFILL INC.</td>
<td></td>
</tr>
<tr>
<td>BOBO'S BODY SHOP</td>
<td></td>
</tr>
<tr>
<td>FERGUSON SITE</td>
<td></td>
</tr>
<tr>
<td>ROCK HILL CONCRETE CO INC</td>
<td></td>
</tr>
<tr>
<td>CIRCLE K 8367</td>
<td></td>
</tr>
<tr>
<td>ROPERS GROCERY</td>
<td></td>
</tr>
<tr>
<td>BEATY WHOLESALE</td>
<td></td>
</tr>
<tr>
<td>ROCK HILL CONCRETE CO INC</td>
<td></td>
</tr>
<tr>
<td>ROCK HILL CONCRETE CO INC</td>
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<td>ROCK HILL CONCRETE CO INC</td>
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<td>WARRIOR SHOPPE</td>
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</tr>
<tr>
<td>CIRCLE K 8367</td>
<td></td>
</tr>
<tr>
<td>S&amp;F GROCERY</td>
<td></td>
</tr>
<tr>
<td>FAST BUCKS</td>
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<tr>
<td>ROPERS GROCERY</td>
<td></td>
</tr>
<tr>
<td>S&amp;D MARKET</td>
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<tr>
<td>WHITE PINETUCK</td>
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<tr>
<td>UPS ROCK HILL</td>
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</tr>
<tr>
<td>SPINX 216</td>
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</tr>
<tr>
<td>MITCHELL OIL</td>
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</tr>
<tr>
<td>CELANESE CHEMICAL CO</td>
<td></td>
</tr>
<tr>
<td>NEWPORT PATROL FACILITY</td>
<td></td>
</tr>
</tbody>
</table>
### MAP FINDINGS SUMMARY

<table>
<thead>
<tr>
<th>Database</th>
<th>Target Property</th>
<th>Search Distance (Miles)</th>
<th>&lt; 1/8</th>
<th>1/8 - 1/4</th>
<th>1/4 - 1/2</th>
<th>1/2 - 1</th>
<th>&gt; 1</th>
<th>Total Plotted</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FEDERAL RECORDS</strong></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>NPL</td>
<td></td>
<td>1.000</td>
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**NOTES:**

- TP = Target Property
- NR = Not Requested at this Search Distance
- Sites may be listed in more than one database
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<tr>
<td><strong>Constituents Of Concern Addressed:</strong></td>
<td><strong>Response Action Planned For Next Fiscal Year:</strong></td>
<td><strong>Project Completed:</strong></td>
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<td>Yes</td>
<td>- -</td>
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<tr>
<td><strong>Deed Posted For Ground Water:</strong></td>
<td><strong>Future Land Use Or Anticipated Results fr Cntrls:</strong></td>
<td><strong>Constituents Of Concern Addressed:</strong></td>
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<tr>
<td>Not reported</td>
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<td><strong>Future Land Use Or Anticipated Results fr Cntrls:</strong></td>
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<td><strong>Surface Water Posted:</strong></td>
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<td><strong>Air Constituents Of Concern Found:</strong></td>
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<tr>
<td><strong>Deed Restrictions For Soil:</strong></td>
<td><strong>Was The Site Cleaned Up To Unrestricted Use?:</strong></td>
<td><strong>Deed Restrictions For Soil:</strong></td>
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<td><strong>Was The Site Cleaned Up To Unrestricted Use?:</strong></td>
<td><strong>Future Land Use Or Anticipated Results fr Cntrls:</strong></td>
<td><strong>Constituents Of Concern Addressed:</strong></td>
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**Click this hyperlink** while viewing on your computer to access additional ERNS detail in the EDR Site Report.
SPRINGS INDUSTRIES INC. RHP F (Continued)

RCRAInfo:
Owner: SPRINGS INDUSTRIES INC.
(803) 547-3629
EPA ID: SCD987574613
Contact: ROBIN SCHOENEMANN
(803) 547-1558
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: Violations exist

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<th>Date Violation Determined</th>
<th>Actual Date Achieved Compliance</th>
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<td>11/14/1994</td>
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There are 2 violation record(s) reported at this site:

Evaluation | Area of Violation | Date of Compliance |
-----------|------------------|--------------------|
Compliance Evaluation Inspection | GENERATOR-GENERAL REQUIREMENTS | 19941114 |
SHWS: EPA ID: SCD987574613 CERFs: No State Priority List: No NPL: No

FINDS:
Other Pertinent Environmental Activity Identified at Site

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.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

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
SPRINGS INDUSTRIES INC. RHP F (Continued)

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

A5 ROCK HILL PRINTING AND FINISHING LLC LUST U003524705
Target 420 W WHITE ST UST N/A
Property ROCK HILL, SC 29731

Site 5 of 6 in cluster A
Actual: 658 ft.

LUST:
Facility ID: 18188
Release Number: 2
Proj Manager: THOMADL
Owner: SPRINGS GLOBAL US INC
Report Date: 07/01/98
Date Confirmed: 08/27/98
NFA Date: Not reported
Rank: 2BA
Facility Status: Active corrective action
Substance: PETRO

LUST:
Site num: 18188
Release Num: 4
Release date: 07/01/98
Confirmed date: 08/27/98
Cleanup complete date: Not reported
RP name: SPRINGS GLOBAL US INC
RP address: 205 N WHITE ST
RP city: FORT MILL
RP state: SC
RP zip: 29715
Scrbca class code: CLASS3BA
Depth to ground water: 12
Ground water flow dir code: NW
Standardtasks.Getname(Rel.Release project mgr eid): THOMA, DEBRA L
Release fin type code: W25
Sstl established code: Not reported
Coc concentrate code: CASE

Site num: 18188
Release Num: 3
Release date: 07/01/98
Confirmed date: 08/27/98
Cleanup complete date: Not reported
RP name: SPRINGS GLOBAL US INC
RP address: 205 N WHITE ST
RP city: FORT MILL
RP state: SC
RP zip: 29715
Scrbca class code: CLASS4BC
Depth to ground water: 12
Ground water flow dir code: NW
Standardtasks.Getname(Rel.Release project mgr eid): THOMA, DEBRA L
Release fin type code: W25
Sstl established code: Not reported
Coc concentrate code: CASE

SPRINGS INDUSTRIES INC. RHP F (Continued)
### ROCK HILL PRINTING AND FINISHING LLC (Continued)

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<th>EDR ID Number</th>
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**Release Num:** 2  
**Release date:** 07/01/98  
**Confirmed date:** 08/27/98  
**Cleanup complete date:** Not reported  
**RP name:** SPRINGS GLOBAL US INC  
**RP address:** 205 N WHITE ST  
**RP city:** FORT MILL  
**RP state:** SC  
**RP zip:** 29715  
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**Depth to ground water:** 12  
**Ground water flow dir code:** NW  
**Standard tasks.Getname(Rl.Release project mgr eid):** THOMA, DEBRA L  
**Release fin type code:** W25  
**Sstl established code:** Not reported  
**Coc concentrate code:** CASE  

**Site num:** 18188  
**Release Num:** 1  
**Release date:** 07/01/98  
**Confirmed date:** 08/27/98  
**Cleanup complete date:** Not reported  
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**RP address:** 205 N WHITE ST  
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**RP state:** SC  
**RP zip:** 29715  
**Scrbca class code:** CLASS2BA  
**Depth to ground water:** 12  
**Ground water flow dir code:** NW  
**Standard tasks.Getname(Rl.Release project mgr eid):** THOMA, DEBRA L  
**Release fin type code:** WS  
**Sstl established code:** Not reported  
**Coc concentrate code:** CASE  

**Facility ID:** 18188  
**Release Number:** 3  
**Proj Manager:** THOMADL  
**Owner:** SPRINGS GLOBAL US INC  
**Report Date:** 07/01/98  
**Date Confirmed:** 08/27/98  
**NFA Date:** Not reported  
**Rank:** 4BC  
**Facility Status:** Active corrective action  
**Substance:** PETRO  

**LUST:**

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<th>RP name</th>
<th>RP address</th>
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<td>SPRINGS GLOBAL US INC</td>
<td>205 N WHITE ST</td>
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ROCK HILL PRINTING AND FINISHING LLC (Continued)

RP zip: 29715
Scrbca class code: CLASS3BA
Depth to ground water: 12
Ground water flow dir code: NW
Standard tasks.Getname(Rel.Release project mgr eid): THOMA, DEBRA L
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RP zip: 29715
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ROCK HILL PRINTING AND FINISHING LLC  (Continued)

Facility ID: 18188
Release Number: 4
Proj Manager: THOMA, DEBRA L
Owner: SPRINGS GLOBAL US INC
Report Date: 07/01/98
Date Confirmed: 08/27/98
NFA Date: Not reported
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Substance: PETRO

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Release date: 07/01/98
ROCK HILL PRINTING AND FINISHING LLC  (Continued)

Confirmed date: 08/27/98
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Depth to ground water: 12
ROCK HILL PRINTING AND FINISHING LLC (Continued)

Map ID
Direction
Distance
Distance (ft.)
Elevation
Site
Database(s)
EDR ID Number
EPA ID Number

MAP FINDINGS

Site num: 18188
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Release date: 07/01/98
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RP city: FORT MILL
RP state: SC
RP zip: 29715
Srbca class code: CLASS2BA
Depth to ground water: 12
Ground water flow dir code: NW
## TANK 1

**Facility ID:** 9188  
**Owner:** ROCK HILL P & F  
**Owner Contact:** STEVE RUZIECKI  
**Owner Address:** PO BOX 10272  
**Owner City, St, Zip:** ROCK HILL, SC 29731-0272  
**Owner Phone:** 803-324-6781  
**Contact:** ARNOLD CASKEY  
**Contact Tel:** 803-324-6759  
**Capacity:** 12000  
**Product:** Naphtha, Mineral Spirits..  
**Calcage:** Not reported  
**Status:** Abandoned

## TANK 2

**Facility ID:** 9188  
**Owner:** ROCK HILL P & F  
**Owner Contact:** STEVE RUZIECKI  
**Owner Address:** PO BOX 10272  
**Owner City, St, Zip:** ROCK HILL, SC 29731-0272  
**Owner Phone:** 803-324-6781  
**Contact:** ARNOLD CASKEY  
**Contact Tel:** 803-324-6759  
**Capacity:** 12000  
**Product:** Naphtha, Mineral Spirits..  
**Calcage:** Not reported  
**Status:** Abandoned

---

**ROCK HILL PRINTING AND FINISHING LLC**  
**Site 6 of 6 in cluster A**

**420 W WHITE ST**  
**ROCK HILL, SC 29731**

**Actual:** 658 ft.

**SC GWIC:** BLWM  
**EAP ID:** Not reported  
**Solid Waste Permit #:** Not reported
### ROCK HILL PRINTING AND FINISHING LLC (Continued)

- **Bureau of Land & Waste Management File #:** Not reported
- **Permit Number:** 18188
- **WPC Permit:** Not reported
- **Program:** DUST
- **Contamination:** PETRO
- **Petroleum Products:** Yes
- **Volatile Organic Compounds:** No
- **Metals:** No
- **Nitrates or Potential to Nitrate:** No
- **Pesticides & Herbicides:** No
- **Polychlorinated Biphenyls:** No
- **Base, Neutral, & Acid Extractables:** No
- **Phenols:** No
- **Radionuclides Over Max Contaminant Levels:** No
- **Sources Not In Other Categories:** No
- **Source:** UST
- **Underground Storage Tanks:** Yes
- **Pits, Ponds, & Lagoons:** No
- **Spills & Leaks:** No
- **Landfills:** No
- **Aboveground Storage Tank:** No
- **Spray Irrigation:** No
- **Single-Event Spill:** No
- **Unpermitted Disposal:** No
- **Septic Tank/Tile Field:** No
- **Substances Not In Other Categories:** No
- **Sources of Contamination Undetermined:** No
- **Assessment:** No
- **Monitoring:** No
- **Remediation:** Yes
- **Surface Impact:** Not reported
- **Drinking Water Well Impact:** Not reported
- **Remarks:** Site ID # 18188. RBCA Classification 2BA4. Active corrective action.

### LUST:
- **Facility ID:** 09188
- **Release Number:** 1
- **Proj Manager:** WILSONKA
- **Owner:** ROCK HILL P & F
- **Report Date:** 11/08/95
- **Date Confirmed:** 12/29/95
- **NFA Date:** 07/30/96
- **Rank:** 5A
- **Facility Status:** Conduct invest/risk assessment
- **Substance:** UNKNOWN

### LUST:
- **Site num:** 09188
- **Release Num:** 1
- **Release date:** 11/08/95
- **Confirmed date:** 12/29/95
- **Cleanup complete date:** 06/28/1996
- **RP name:** SPRINGS GLOBAL US INC
- **RP address:** 205 N WHITE ST
- **RP city:** FORT MILL
- **RP state:** SC
- **RP zip:** 29715
ROCK HILL PRINTING AND FINISHING LLC (Continued)

- **UST:**
  - Facility ID: 18188
  - Tank ID: 7
  - Owner: SPRINGS GLOBAL US INC
  - Owner Contact: JIMMY SUMMERS
  - Owner Address: 205 N WHITE ST
  - Owner City,St,Zip: FORT MILL, SC 29715
  - Owner Phone: 803-547-1737
  - Contact: ARNOLD CASKEY
  - Contact Tel: 803-324-6759
  - Capacity: Not reported
  - Product: Naphtha, Mineral Spirits
  - Calcage: 25
  - Status: Abandoned

- **UST:**
  - Facility ID: 18188
  - Tank ID: 3
  - Owner: SPRINGS GLOBAL US INC
  - Owner Contact: JIMMY SUMMERS
  - Owner Address: 205 N WHITE ST
  - Owner City,St,Zip: FORT MILL, SC 29715
  - Owner Phone: 803-547-1737
  - Contact: ARNOLD CASKEY
  - Contact Tel: 803-324-6759
  - Capacity: 12000
  - Product: Naphtha, Mineral Spirits
  - Calcage: 25
  - Status: Abandoned

- **UST:**
  - Facility ID: 18188
  - Tank ID: 4
  - Owner: SPRINGS GLOBAL US INC
  - Owner Contact: JIMMY SUMMERS
  - Owner Address: 205 N WHITE ST
  - Owner City,St,Zip: FORT MILL, SC 29715
  - Owner Phone: 803-547-1737
  - Contact: ARNOLD CASKEY
  - Contact Tel: 803-324-6759
  - Capacity: 150
  - Product: Gasoline
  - Calcage: 25
  - Status: Abandoned
ROCK HILL PRINTING AND FINISHING LLC (Continued)

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<tr>
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<td>Contact</td>
<td>ARNOLD CASKEY</td>
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<td>Contact Tel</td>
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<td>Capacity</td>
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<td>SPRINGS GLOBAL US INC</td>
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<td>Owner Contact</td>
<td>JIMMY SUMMERS</td>
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<tr>
<td>Owner Address</td>
<td>205 N WHITE ST</td>
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<td>Owner City,St,Zip</td>
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<tr>
<td>Contact</td>
<td>ARNOLD CASKEY</td>
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<td>Capacity</td>
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<td>Owner Contact</td>
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FINDS:
Other Pertinent Environmental Activity Identified at Site
### MARSHALL FAMILY PARTNERSHIP (Continued)

| Owner Contact: | STEVE MARSHALL |
| Owner City,St,Zip: | ROCK HILL, SC 29731-0872 |
| Owner Phone: | Not reported |
| Capacity: | 4000 |
| Product: | Gasoline |
| Calcage: | 25 |
| Status: | Abandoned |

#### UST:
- **Facility ID:** 15804
- **Tank ID:** 2
- **Owner:** MARSHALL FAMILY PARTNERSHIP
- **Owner Contact:** STEVE MARSHALL
- **Owner Address:** PO BOX 10872
- **Owner City,St,Zip:** ROCK HILL, SC 29731-0872
- **Owner Phone:** Not reported
- **Capacity:** 4000
- **Product:** Gasoline
- **Calcage:** 25
- **Status:** Abandoned
NATIONAL FENCE MFG CO (Continued)

RCRAInfo:
- Owner: Not reported
- EPA ID: SCD045451390
- Contact: STEVEN GRONDALSKI
  (301) 779-8300
- Classification: Small Quantity Generator
- TSDF Activities: Not reported
- Violation Status: No violations found

SHWS:
- EPA ID: SCD045451390
- Cerclis: No
- State Priority List: No
- NPL: No

FINDS:
Other Pertinent Environmental Activity Identified at Site

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.

CERC-NFRAP:
- Site ID: 0403290
- Federal Facility: Not a Federal Facility
- NPL Status: Not on the NPL
- Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):
- Contact Name: CRAIG ZELLER
- Contact Tel: (404) 562-8827
- Contact Title: Remedial Project Manager (RPM)
- Contact Name: Ralph Howard
  (404) 562-8829
  Contact Title: Remedial Project Manager (RPM)
- Contact Name: Craig Zeller
  (404) 562-8827
  Contact Title: Site Assessment Manager (SAM)
CERCLIS-NFRAP Site Alias Name(s):

<table>
<thead>
<tr>
<th>Alias Name</th>
<th>Alias Address</th>
<th>Site Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATIONAL FENCE MFG CO INC</td>
<td>YORK, SC</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

CERCLIS-NFRAP Assessment History:

- **Action:** DISCOVERY
  - **Date Started:** Not reported
  - **Date Completed:** 06/01/1981
  - **Priority Level:** Not reported

- **Action:** PRELIMINARY ASSESSMENT
  - **Date Started:** Not reported
  - **Date Completed:** 01/01/1985
  - **Priority Level:** Low

- **Action:** PRELIMINARY ASSESSMENT
  - **Date Started:** 06/30/1988
  - **Date Completed:** 07/15/1988
  - **Priority Level:** Low

- **Action:** SITE INSPECTION
  - **Date Started:** Not reported
  - **Date Completed:** 11/22/1991
  - **Priority Level:** NFRAP (No Further Remedial Action Planned)

- **Action:** ARCHIVE SITE
  - **Date Started:** Not reported
  - **Date Completed:** 11/22/1991
  - **Priority Level:** Not reported
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Site</th>
<th>Elevation (ft.)</th>
<th>Database(s)</th>
<th>EDR ID Number</th>
<th>EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>CITY BODY SHOP OF ROCK HILL INC</td>
<td>609 ft.</td>
<td>FINDS</td>
<td>RCRA-SQG</td>
<td>1001493867 SCR000074740</td>
</tr>
</tbody>
</table>

Relative: Higher
Actual: 670 ft.

**RCRAInfo:**
- **Owner:** ED DOWDLE
- **EPA ID:** SCR000074740
- **Contact:** ED DOWDLE (803) 325-7735

**Classification:** Small Quantity Generator
**TSDF Activities:** Not reported
**Violation Status:** No violations found

**FINDS:**
Other Pertinent Environmental Activity Identified at Site

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.

---

<table>
<thead>
<tr>
<th>UST</th>
<th>B11</th>
<th>WYLIES TEXACO</th>
<th>SE</th>
<th>174 W WHITE ST</th>
<th>N/A</th>
<th>U003526815</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SE</td>
<td>1/8-1/4</td>
<td>715 ft.</td>
<td>ROCK HILL, SC 29730</td>
<td>UST:</td>
<td>9336</td>
</tr>
</tbody>
</table>

**Site 1 of 2 in cluster B**

**UST:**
- **Facility ID:** 9336
- **Tank ID:** 2
- **Owner:** MARSHALL OIL CO
- **Owner Contact:** H MARSHALL
- **Owner Address:** 829 MYRTLE DR
- **Owner City,St,Zip:** ROCK HILL, SC 29730
- **Owner Phone:** 803-328-2615
- **Contact:** H MARSHALL
- **Contact Tel:** 803-328-2719
- **Capacity:** 4000
- **Product:** Gasoline
- **Calcage:** 25
- **Status:** Abandoned
- **Owner:** MARSHALL OIL CO

---

TC2054679.2s  Page 22
WYLIES TEXACO (Continued)

Owner Contact: H MARSHALL
Owner Address: 829 MYRTLE DR
Owner City,St,Zip: ROCK HILL, SC 29730
Owner Phone: 803-328-2615
Contact: H MARSHALL
Contact Tel: 803-328-2719
Capacity: 4000
Product: Gasoline
Calcage: 25
Status: Abandoned

Facility ID: 9336
Tank ID: 1
Owner: MARSHALL OIL CO
Owner Contact: H MARSHALL
Owner Address: 829 MYRTLE DR
Owner City,St,Zip: ROCK HILL, SC 29730
Owner Phone: 803-328-2615
Contact: H MARSHALL
Contact Tel: 803-328-2719
Capacity: 4000
Product: Gasoline
Calcage: 25
Status: Abandoned

Facility ID: 9336
Tank ID: 4
Owner: MARSHALL OIL CO
Owner Contact: H MARSHALL
Owner Address: 829 MYRTLE DR
Owner City,St,Zip: ROCK HILL, SC 29730
Owner Phone: 803-328-2615
Contact: H MARSHALL
Contact Tel: 803-328-2719
Capacity: 4000
Product: Waste Oil
Calcage: 25
Status: Abandoned

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.
Maps and findings for WYLIES TEXACO (Continued)

LUST:
- Facility ID: 09336
- Release Number: 1
- Proj Manager: MINERRS
- Owner: MARSHALL OIL CO
- Report Date: 12/29/89
- Date Confirmed: 10/05/92
- NFA Date: 05/14/01
- Rank: 4BC
- Facility Status: Monitored natural attenuation
- Substance: PETRO

LUST:
- Site num: 09336
- Release Num: 1
- Release date: 12/29/89
- Confirmed date: 10/05/92
- Cleanup complete date: 05/14/2001
- RP name: MARSHALL OIL CO
- RP address: 829 MYRTLE DR
- RP city: ROCK HILL
- RP state: SC
- RP zip: 29730
- Scrbca class code: CLASS4BC
- Depth to ground water: 9
- Ground water flow dir code: E
- Standardtasks.Getname(Rel.Release project mgr eid): MINER, READ S
- Release fin type code: DS
- Sstl established code: Not reported
- Coc concentrate code: MR

MARSHALL TIRE SERVICE INC

SSW
202 W MAIN ST
1/8-1/4
ROCK HILL, SC 29730

973 ft.

Relative:
- Bureau: BLWM
- EAP ID: Not reported
- Solid Waste Permit #: Not reported
- Bureau of Land & Waste Management File #: Not reported
- Permit Number: 15805
- WPC Permit: Not reported
- Program: DUST
- Contamination: PETRO
- Petroleum Products: Yes
- Volatile Organic Compounds: No
- Metals: No
- Nitrates or Potential to Nitrate: No
- Pesticides & Herbicides: No
- Polychlorinated Biphenyls: No
- Base, Neutral, & Acid Extractables: No
- Phenols: No
- Radionuclides Over Max Contaminant Levels: No
- Sources Not In Other Categories: No
- Source: UST
- Underground Storage Tanks: Yes

13
GWCI U003629994
LUST N/A
UST

973 ft.

657 ft.

SC GWIC:

Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
 Permit Number: 15805
WPC Permit: Not reported
Program: DUST
 Contamination: PETRO
Petroleum Products: Yes
Volatile Organic Compounds: No
Nitrates or Potential to Nitrate: No
Pesticides & Herbicides: No
Polychlorinated Biphenyls: No
Base, Neutral, & Acid Extractables: No
Phenols: No
Radionuclides Over Max Contaminant Levels: No
Sources Not In Other Categories: No
Source: UST
Underground Storage Tanks: Yes
MARSHALL TIRE SERVICE INC (Continued) U003629994

Pits, Ponds, & Lagoons: No
Spills & Leaks: No
Landfills: No
Aboveground Storage Tank: No
Spray Irrigation: No
Single-Event Spill: No
Unpermitted Disposal: No
Septic Tank/Tile Field: No
Substances Not In Other Categories: No
Sources of Contamination Undetermined: No
Assessment: No
Monitoring: No
Remediation: Yes
Surface Impact: Not reported
Drinking Water Well Impact: Not reported
Remarks: Site ID # 15805. RBCA Classification 4BC7. Approved Monitored Natural Attenuation (MNA Awaiting Funding).

LUST:
Facility ID: 15805
Release Number: 1
Proj Manager: THOMADL
Owner: MARSHALL TIRE SERVICE INC
Report Date: 06/29/93
Date Confirmed: 07/26/93
NFA Date: 06/14/07
Rank: 4BC
Facility Status: Monitored natural attenuation
Substance: PETRO

LUST:
Site num: 15805
Release Num: 1
Release date: 06/29/93
Confirmed date: 07/26/93
Cleanup complete date: Not reported
RP name: MARSHALL TIRE SERVICE INC
RP address: 202 W MAIN ST
RP city: ROCK HILL
RP state: SC
RP zip: 29730-3911
Scrbca class code: CLASS4BC
Depth to ground water: 11
Ground water flow dir code: SW
Standardtasks.Getname(Rel.Release project mgr eid): THOMA, DEBRA L
Release fin type code: WS
Sstl established code: DEPT
Coc concentrate code: MR

UST:
Facility ID: 15805
Tank ID: 2
Owner: MARSHALL TIRE SERVICE INC
Owner Contact: STEVE MARshall
Owner Address: 202 W MAIN ST
Owner City,St,Zip: ROCK HILL, SC 29730-3911
<p>| Owner Phone:                      | Not reported                                      |
| Contact:                         | STEVE MARSHALL                                    |
| Contact Tel:                     | Not reported                                      |
| Capacity:                        | 4000                                              |
| Product:                         | Gasoline                                          |
| Calcage:                         | 25                                                |
| <strong>Status:</strong>                      | <strong>Abandoned</strong>                                     |
| Facility ID:                     | 15805                                             |
| Tank ID:                         | 4                                                 |
| Owner:                           | MARSHALL TIRE SERVICE INC                         |
| Owner Contact:                   | STEVE MARSHALL                                    |
| Owner Address:                   | 202 W MAIN ST                                    |
| Owner City,St,Zip:               | ROCK HILL, SC 29730-3911                          |
| Owner Phone:                     | Not reported                                      |
| Contact:                         | STEVE MARSHALL                                    |
| Contact Tel:                     | Not reported                                      |
| Capacity:                        | 4000                                              |
| Product:                         | Kerosene                                          |
| Calcage:                         | 25                                                |
| <strong>Status:</strong>                      | <strong>Abandoned</strong>                                     |
| Facility ID:                     | 15805                                             |
| Tank ID:                         | 1                                                 |
| Owner:                           | MARSHALL TIRE SERVICE INC                         |
| Owner Contact:                   | STEVE MARSHALL                                    |
| Owner Address:                   | 202 W MAIN ST                                    |
| Owner City,St,Zip:               | ROCK HILL, SC 29730-3911                          |
| Owner Phone:                     | Not reported                                      |
| Contact:                         | STEVE MARSHALL                                    |
| Contact Tel:                     | Not reported                                      |
| Capacity:                        | 15000                                             |
| Product:                         | Gasoline                                          |
| Calcage:                         | 25                                                |
| <strong>Status:</strong>                      | <strong>Abandoned</strong>                                     |
| Facility ID:                     | 15805                                             |
| Tank ID:                         | 3                                                 |
| Owner:                           | MARSHALL TIRE SERVICE INC                         |
| Owner Contact:                   | STEVE MARSHALL                                    |
| Owner Address:                   | 202 W MAIN ST                                    |
| Owner City,St,Zip:               | ROCK HILL, SC 29730-3911                          |
| Owner Phone:                     | Not reported                                      |
| Contact:                         | STEVE MARSHALL                                    |
| Contact Tel:                     | Not reported                                      |
| Capacity:                        | 4000                                              |
| Product:                         | Gasoline                                          |
| Calcage:                         | 25                                                |
| <strong>Status:</strong>                      | <strong>Abandoned</strong>                                     |</p>
<table>
<thead>
<tr>
<th>14</th>
<th>WSW</th>
<th>ROCK HILL GAS CO</th>
<th>Manufactured Gas Plants</th>
<th>1008408831</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8-1/4</td>
<td>N LEE STREET</td>
<td>ROCK HILL, SC 29730</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>968 ft.</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

**Relative:** Lower

---

<table>
<thead>
<tr>
<th>621 ft.</th>
<th>C15</th>
<th>ROSANNE MOORE BARNES PROPERTY</th>
<th>UST</th>
<th>U003524738</th>
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<tbody>
<tr>
<td>SW</td>
<td>323 W MAIN ST</td>
<td>ROCK HILL, SC 29730</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>1/8-1/4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>997 ft.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Relative:** Higher

**Actual:** 668 ft.

---

<table>
<thead>
<tr>
<th>C16</th>
<th>SW</th>
<th>ROSANNE MOORE BARNES PROPERTY</th>
<th>FINDS</th>
<th>1007256664</th>
</tr>
</thead>
<tbody>
<tr>
<td>323 W MAIN ST</td>
<td>ROCK HILL, SC 29730</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/8-1/4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>997 ft.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Relative:** Higher

**Actual:** 668 ft.

---

**Other Pertinent Environmental Activity Identified at Site**

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.

---

**LUST:**

| Facility ID: | 09402 |
| Release Number: | 1 |
| Proj Manager: | MCINNIWA |
| Owner: | ROSANNE JETERBARNES |
| Report Date: | 06/30/93 |
| Date Confirmed: | 02/08/94 |
| NFA Date: | 01/06/99 |

**Substance:** PETRO

**Status:** Abandoned

---

**FINDS:**

Site 1 of 2 in cluster C

---

**FINDS:**

Site 2 of 2 in cluster C
### ROSANNE MOORE BARNES PROPERTY (Continued)

**LUST:**
- Site num: 09402
- Release Num: 1
- Release date: 06/30/93
- Confirmed date: 02/08/94
- Cleanup complete date: 01/06/1999
- RP name: JETERBARNES
- RP address: 313 BAILEY AVE
- RP city: ROCK HILL
- RP state: SC
- RP zip: 29732-1067
- Scrba class code: CLASS5B
- Depth to ground water: 0
- Ground water flow dir code: Not reported
- Standard tasks: Getname(Rel.Release project mgr eid): MCINNIS, W SCOTT
- Release fin type code: DS
- Sstl established code: Not reported
- Coc concentrate code: Not reported

#### ROYAL HILL BODY COMPANY (FORMER)

**SHWS**

- EPA ID: SCS123457006
- Cerclis: No
- State Priority List: No
- NPL: No

**UST**

- Facility ID: 12210
- Tank ID: 4
- Owner: ROCK HILL CITY OF
- Owner Contact: CHARLES WILLIAMS
- Owner Address: 310 RED RIVER RD
- Owner City,St,Zip: ROCK HILL, SC 29730
- Owner Phone: 803-329-5518
- Contact: CHARLES WILLIAMS
- Contact Tel: 803-329-5551
- Capacity: 550
- Product: Motor Oil
- Calcage: 25
- Status: Abandoned
OPERATIONS CENTER (Continued)  U004017297

Owner Address: 310 RED RIVER RD
Owner City, St, Zip: ROCK HILL, SC 29730
Owner Phone: 803-329-5518
Contact: CHARLES WILLIAMS
Contact Tel: 803-329-5551
Capacity: 12000
Product: Gasoline
Calcage: 5
Status: Currently in use

Facility ID: 12210
Tank ID: 1
Owner: ROCK HILL CITY OF
Owner Contact: CHARLES WILLIAMS
Owner Address: 310 RED RIVER RD
Owner City, St, Zip: ROCK HILL, SC 29730
Owner Phone: 803-329-5518
Contact: CHARLES WILLIAMS
Contact Tel: 803-329-5551
Capacity: 12000
Product: Gasoline
Calcage: 5
Status: Currently in use

Facility ID: 12210
Tank ID: 5
Owner: ROCK HILL CITY OF
Owner Contact: CHARLES WILLIAMS
Owner Address: 310 RED RIVER RD
Owner City, St, Zip: ROCK HILL, SC 29730
Owner Phone: 803-329-5518
Contact: CHARLES WILLIAMS
Contact Tel: 803-329-5551
Capacity: 12000
Product: Diesel
Calcage: 0
Status: Currently in use

Facility ID: 12210
Tank ID: 6
Owner: ROCK HILL CITY OF
Owner Contact: CHARLES WILLIAMS
Owner Address: 310 RED RIVER RD
Owner City, St, Zip: ROCK HILL, SC 29730
Owner Phone: 803-329-5518
Contact: CHARLES WILLIAMS
Contact Tel: 803-329-5551
Capacity: 12000
Product: Gasoline
Calcage: 0
Status: Currently in use
<table>
<thead>
<tr>
<th>Site</th>
<th>Map ID</th>
<th>Distance</th>
<th>Direction</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>D19</td>
<td>OPERATIONS CENTER</td>
<td>1274 ft.</td>
<td>NW</td>
<td>LUST</td>
<td>S106665937</td>
</tr>
<tr>
<td></td>
<td>349 COLUMBIA AVE</td>
<td></td>
<td>1/8-1/4</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>ROCK HILL, SC 29731</td>
<td></td>
<td>EDR ID Number</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Site 2 of 3 in cluster D</td>
<td></td>
<td>Distance (ft.)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Relative: Higher

Actual: 658 ft.

Facility ID: 12210
Release Number: 1
Proj Manager: WRIGHTJW
Owner: ROCK HILL CITY OF
Report Date: 01/11/95
Date Confirmed: 01/11/95
NFA Date: 01/13/95
Rank: Not reported
Facility Status: Not reported
Substance: PETRO

---

<table>
<thead>
<tr>
<th>Site</th>
<th>Map ID</th>
<th>Distance</th>
<th>Direction</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
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<td>1275 ft.</td>
<td>NW</td>
<td>GWCI</td>
<td>U003878412</td>
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<tr>
<td></td>
<td>515 HWY 52 N</td>
<td></td>
<td>1/8-1/4</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>BERKELEY (County), SC</td>
<td></td>
<td>EDR ID Number</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Site 3 of 3 in cluster D</td>
<td></td>
<td>Distance (ft.)</td>
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<td></td>
</tr>
</tbody>
</table>

Relative: Higher

Actual: 658 ft.

Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 01221
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: Yes
Volatile Organic Compounds: No
Metals: No
Nitrates or Potential to Nitrate: No
Pesticides & Herbicides: No
Polychlorinated Biphenyls: No
Base, Neutral, & Acid Extractables: No
Phenols: No
Radionuclides Over Max Contaminant Levels: No
Sources Not In Other Categories: No
Source: UST
Underground Storage Tanks: Yes
Plots, Ponds, & Lagoons: No
Spills & Leaks: No
Landfills: No
Aboveground Storage Tank: No
Spray Irrigation: No
Single-Event Spill: No
Unpermitted Disposal: No
Septic Tank/Tile Field: No
Substances Not In Other Categories: No
Sources of Contamination Undetermined: No
Assessment: No
Monitoring: No
Remediation: Yes
Surface Impact: Not reported
Drinking Water Well Impact: Not reported
### DICKS STATION INC 1 (Continued)

**Remarks:** Site ID # 01221. RBCA Classification 3BF7. Conditional No Further Action (CNFA). Site conditionally closed above groundwater standards.

<table>
<thead>
<tr>
<th>Site ID #</th>
<th>01221</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action (CNFA).</strong> Site conditionally closed above groundwater standards.</td>
<td></td>
</tr>
</tbody>
</table>

**Remarks:** Site ID # 01221. RBCA Classification 3BF7. Conditional No Further Action (CNFA). Site conditionally closed above groundwater standards.

<table>
<thead>
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</table>

**Remarks:** Site ID # 01221. RBCA Classification 3BF7. Conditional No Further Action (CNFA). Site conditionally closed above groundwater standards.

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<thead>
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**Remarks:** Site ID # 01221. RBCA Classification 3BF7. Conditional No Further Action (CNFA). Site conditionally closed above groundwater standards.

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</tbody>
</table>

**Remarks:** Site ID # 01221. RBCA Classification 3BF7. Conditional No Further Action (CNFA). Site conditionally closed above groundwater standards.

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<td><strong>Action (CNFA).</strong> Site conditionally closed above groundwater standards.</td>
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</table>

**Remarks:** Site ID # 01221. RBCA Classification 3BF7. Conditional No Further Action (CNFA). Site conditionally closed above groundwater standards.

<table>
<thead>
<tr>
<th>Site ID #</th>
<th>01221</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action (CNFA).</strong> Site conditionally closed above groundwater standards.</td>
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**Remarks:** Site ID # 01221. RBCA Classification 3BF7. Conditional No Further Action (CNFA). Site conditionally closed above groundwater standards.

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<tr>
<td>273.13(a)</td>
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**WINTHROP UNIVERSITY ROCK HILL (Continued)**

- **Penalty Type:** Final Monetary Penalty
- **Regulation Violated:** 279.22 (b) & (c)
- **Area of Violation:** GENERATOR-OTHER REQUIREMENTS
- **Date Violation Determined:** 02/17/2004
- **Actual Date Achieved Compliance:** 02/17/2004
- **Enforcement Action:** WRITTEN INFORMAL
- **Enforcement Action Date:** 08/04/2004
- **Penalty Type:** Final Monetary Penalty

- **Penalty Type:** Final Monetary Penalty
- **Regulation Violated:** 273.13(a)(1)
- **Area of Violation:** GENERATOR-GENERAL REQUIREMENTS
- **Date Violation Determined:** 02/17/2004
- **Actual Date Achieved Compliance:** 12/09/2004
- **Enforcement Action:** WRITTEN INFORMAL
- **Enforcement Action Date:** 08/04/2004
- **Penalty Type:** Final Monetary Penalty

- **Penalty Type:** Final Monetary Penalty
- **Regulation Violated:** 273.13(a)
- **Area of Violation:** GENERATOR-GENERAL REQUIREMENTS
- **Date Violation Determined:** 02/17/2004
- **Actual Date Achieved Compliance:** 02/17/2004
- **Enforcement Action:** WRITTEN INFORMAL
- **Enforcement Action Date:** 08/04/2004
- **Penalty Type:** Final Monetary Penalty

- **Penalty Type:** Final Monetary Penalty
- **Regulation Violated:** 273.14(e)
- **Area of Violation:** GENERATOR-GENERAL REQUIREMENTS
- **Date Violation Determined:** 02/17/2004
- **Actual Date Achieved Compliance:** 12/09/2004
- **Enforcement Action:** WRITTEN INFORMAL
- **Enforcement Action Date:** 08/04/2004
- **Penalty Type:** Final Monetary Penalty
**WINTHROP UNIVERSITY ROCK HILL** (Continued)

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WINTHROP UNIVERSITY ROCK HILL (Continued)
 GENERATOR-GENERAL REQUIREMENTS
Area of Violation: 262.34(c)(1)(ii)
Date Violation Determined: 02/17/2004
Actual Date Achieved Compliance: 12/09/2004
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/04/2004
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 12/09/2004
Penalty Type: Final Monetary Penalty

Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date: 02/17/2004
Penalty Type: Final Monetary Penalty

Regulation Violated: 262.34(c)(1)(ii)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 02/17/2004
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Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL
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Penalty Type: Final Monetary Penalty

Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date: 02/17/2004
Penalty Type: Final Monetary Penalty

Regulation Violated: RCRA 3005
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 02/17/2004
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Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date: 02/17/2004
Penalty Type: Final Monetary Penalty

Regulation Violated: 262.34(c)(1)(ii)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 02/17/2004
Actual Date Achieved Compliance: 12/09/2004
WINTHROP UNIVERSITY ROCK HILL (Continued)

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/04/2004
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Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
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Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date: 02/17/2004
Penalty Type: Final Monetary Penalty

Enforcement Action: 262.34(d)(5)(iii) GENERATOR-SQG REQUIREMENTS
Enforcement Action Date: 02/17/2004
Penalty Type: Final Monetary Penalty

Enforcement Action: 262.34(c) GENERATOR-GENERAL REQUIREMENTS
Enforcement Action Date: 02/17/2004
Penalty Type: Final Monetary Penalty

Enforcement Action: 265.31 GENERATOR-SQG REQUIREMENTS
Enforcement Action Date: 02/17/2004
Penalty Type: Final Monetary Penalty

Enforcement Action: 265.31 GENERATOR-GENERAL REQUIREMENTS
Enforcement Action Date: 02/17/2004
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<td>GENERATOR-GENERAL REQUIREMENTS</td>
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<td>EPA TO STATE ADMINISTRATIVE REFERRAL</td>
<td>Final Monetary Penalty</td>
<td>02/17/2004</td>
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<td>08/04/2004</td>
<td>GENERATOR-GENERAL REQUIREMENTS</td>
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<td></td>
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<td>Final Monetary Penalty</td>
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<tr>
<td>02/17/2004</td>
<td>Generator-Other Requirements</td>
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There are 27 violation record(s) reported at this site:

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<tr>
<th>Date of Compliance</th>
<th>Area of Violation</th>
<th>Date Violation Determined</th>
<th>Actual Date Achieved Compliance</th>
<th>Enforcement Action</th>
<th>Penalty Type</th>
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FINDS:

Other Pertinent Environmental Activity Identified at Site

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.

LUST:
Facility ID: 11629
Release Number: 1
Proj Manager: MINERRS
Owner: WINTHROP UNIVERSITY
Report Date: 12/19/91
Date Confirmed: 03/23/92
**NFA Date:** 10/04/00
Rank: 4BC
Facility Status: Awaiting funding
Substance: PETRO

LUST:
Site num: 11629
Release Num: 1
Release date: 12/19/91
Confirmed date: 03/23/92
Cleanup complete date: 10/04/2000
RP name: WINTHROP UNIVERSITY
RP address: 701 OAKLAND AVE
RP city: ROCK HILL
RP state: SC
RP zip: 29733
Scrbca class code: CLASS4BC
Depth to ground water: 0
Ground water flow dir code: Not reported
Standard tasks.Getname(Rel.Release project mgr eid): MINER, READ S
Release fin type code: DS
Sstl established code: Not reported
Coc concentrate code: Not reported

**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.
MAIN POST OFFICE (Continued)

LUST:
- Facility ID: 09270
- Release Number: 1
- Proj Manager: PASLEY DC
- Owner: USPS YORK
- Report Date: 07/25/95
- Date Confirmed: 08/02/95
- **NFA Date:** 08/03/95
- Rank: Not reported
- Facility Status: Not reported
- Substance: PETRO

---

23
ROCK HILL REVITALIZATION
SE
EAST WHITE STREET / DAVE LYLE BLVD
1/4-1/2
ROCK HILL, SC 29730
1522 ft.

Relative:
- SHWS: SCS123457022
- Cerclis: No
- State Priority List: No
- NPL: No

---

E24
FORMER OAKLAND AVE STATION
ESE
104 OAKLAND AVE
1/4-1/2
ROCK HILL, SC 29730
1619 ft.

Site 1 of 3 in cluster E

Relative:
- Facility ID: 19192
- Release Number: 1
- Proj Manager: HYDRICPA
- Owner: MIRIAM WHITE
- Report Date: 03/08/06
- Date Confirmed: 04/05/06
- **NFA Date:** Not reported
- Rank: 3BD
- Facility Status: Currently inactive
- Substance: PETROL

---
FORMER OAKLAND AVE STATION (Continued)

Release fin type code: WS
Sstl established code: Not reported
Coc concentrate code: TIER 2

FORMER OAKLAND AVENUE STATION

104 OAKLAND AVENUE
ROCK HILL, SC  29730

Relative: Higher
Actual: 665 ft.

Site 2 of 3 in cluster E

US BROWNFIELDS:

Recipient Name: SC Dept or Health & Env. Control
Project Name: South Carolina DHEC (ST03)
Name: Former Oakland Avenue Station
Parcel #: 6272103001; 3272103016; 6272103018
Parcel size: 0.55
Latitude: 34.93108
Longitude: -81.02299
Region: 4
HCM: Address Matching-House Number
Map scale: Not reported
Point of reference: Other Point
Horiz. collect. method: World Geodetic System of 1984
ACRES property ID: 31241
Start date: 02/27/2006
Complete date: 2/27/2006
Accomplishment: Phase I Environmental Assessment
Ownership entity: Private

Recipient Name: SC Dept or Health & Env. Control
Project Name: South Carolina DHEC (ST03)
Name: Former Oakland Avenue Station
Parcel #: 6272103001; 3272103016; 6272103018
Parcel size: 0.55
Latitude: 34.93108
Longitude: -81.02299
Region: 4
HCM: Address Matching-House Number
Map scale: Not reported
Point of reference: Other Point
Horiz. collect. method: World Geodetic System of 1984
ACRES property ID: 31241
Start date: 04/05/2006
Complete date: 4/5/2006
Accomplishment: Phase II Environmental Assessment
Ownership entity: Private

E25
ESE
1/4-1/2
1619 ft.

US BROWNFIELDS: 1009806894
N/A
Site 3 of 3 in cluster E

Relative: Higher
Actual: 662 ft.

LUST:
- Facility ID: 18824
- Release Number: 1
- Owner: FRED LONDON
- Owner Address: 1577 EBENEZER AVE
- Owner Phone: 803-327-3884
- Capacity: Not reported
- Product: Gasoline
- Status: Abandoned
- Date Confirmed: 06/24/02
- NFA Date: 06/24/02
- Facility Status: Not reported
- Substance: PETROL
- Relative: Higher
- Actual: 662 ft.

UST:
- Facility ID: 18824
- Tank ID: 2
- Owner: LONDON
- Owner City,St,Zip: ROCK HILL, SC 29732
- Owner Phone: 803-327-3884
- Capacity: 6000
- Product: Gasoline
- Status: Abandoned

- Facility ID: 18824
- Tank ID: 3
- Owner: LONDON
- Owner City,St,Zip: ROCK HILL, SC 29732
- Owner Phone: 803-327-3884
- Capacity: 6000
- Product: Gasoline
- Status: Abandoned

- Facility ID: 18824
- Tank ID: 1
- Owner: LONDON
- Owner City,St,Zip: ROCK HILL, SC 29732
- Owner Phone: 803-327-3884
- Capacity: 1000
- Product: Gasoline
- Status: Abandoned
### FORMER OVERHEAD STATION (Continued)

**Status:** Abandoned

<table>
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<tr>
<th>27</th>
<th>ONE STOP GROCERIES</th>
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<th>LUST</th>
<th>U003629078</th>
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<tbody>
<tr>
<td>ESE</td>
<td>275 S CHARLOTTE AVE</td>
<td>1/4-1/2</td>
<td>ROCK HILL, SC 29732</td>
<td></td>
</tr>
<tr>
<td>1829 ft.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Relative:**

- **Higher:**
  - SC GWIC: BLWM
  - EAP ID: Not reported
  - Solid Waste Permit #: Not reported
  - Bureau of Land & Waste Management File #: Not reported
  - Permit Number: 09374
  - WPC Permit: Not reported
  - Program: DUST
  - Contamination: PETRO
  - Petroleum Products: Yes
  - Volatile Organic Compounds: No
  - Metals: No
  - Nitrates or Potential to Nitrate: No
  - Pesticides & Herbicides: No
  - Polychlorinated Biphenyls: No
  - Base, Neutral, & Acid Extractables: No
  - Phenols: No
  - Radionuclides Over Max Contaminant Levels: No
  - Sources Not In Other Categories: No
  - Source: UST
  - Underground Storage Tanks: Yes
  - Pits, Ponds, & Lagoons: No
  - Spills & Leaks: No
  - Landfills: No
  - Aboveground Storage Tank: No
  - Spray Irrigation: No
  - Single-Event Spill: No
  - Unpermitted Disposal: No
  - Septic Tank/Tile Field: No
  - Substances Not In Other Categories: No
  - Sources of Contamination Undetermined: No
  - Assessment: No
  - Monitoring: No
  - Remediation: Yes
  - Surface Impact: Not reported
  - Drinking Water Well Impact: Not reported
  - Remarks: Site ID # 09374. RBCA Classification 3BF4. Active corrective action.

**LUST:**

- **Facility ID:** 09374
- **Release Number:** 1
- **Proj Manager:** THOMADL
- **Owner:** AAMAAAL LLC
- **Report Date:** 06/18/93
- **Date Confirmed:** 03/06/95
- **NFA Date:** Not reported
- **Rank:** 3BF
- **Facility Status:** Active corrective action
- **Substance:** PETRO

---

**Abandoned Status:**

- **FORMER OVERHEAD STATION (Continued) U003853744**
  - **EPA ID Number:** U003853744
  - **Database(s):** BLW
  - **EDR ID Number:** U003853744
  - **Elevation:** Relative: Higher 1829 ft. Actual: 662 ft.
### ONE STOP GROCERIES (Continued)

**LUST:**

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<tr>
<td>Confirmed date:</td>
<td>03/06/95</td>
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<td>Cleanup complete date:</td>
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<tr>
<td>RP name:</td>
<td>ACME OF SOUTH CAROLINA INC</td>
</tr>
<tr>
<td>RP address:</td>
<td>PO BOX 2359</td>
</tr>
<tr>
<td>RP city:</td>
<td>GASTONIA</td>
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<tr>
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<td>28053-2359</td>
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<td>Depth to ground water:</td>
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<td>Ground water flow dir code:</td>
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<td>Standard tasks:</td>
<td>Getname(Release project mgr eid): THOMA, DEBRA L</td>
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<td>Release fin code:</td>
<td>DS</td>
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<td>Sstl established code:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Coc concentrate code:</td>
<td>CASE</td>
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</table>

**UST:**

| Facility ID: | 9374 |
| Tank ID: | 3 |
| Owner: | AAMAAL LLC |
| Owner Contact: | Not reported |
| Owner Address: | 275 S CHARLOTTE AVE |
| Owner City,St,Zip: | ROCK HILL, SC 29732 |
| Owner Phone: | 000-000-0000 |
| Contact: | Not reported |
| Contact Tel: | 803-328-9200 |
| Capacity: | 8000 |
| Product: | Gasoline |
| Calcage: | 10 |
| Status: | Currently in use |

| Facility ID: | 9374 |
| Tank ID: | 2 |
| Owner: | AAMAAL LLC |
| Owner Contact: | Not reported |
| Owner Address: | 275 S CHARLOTTE AVE |
| Owner City,St,Zip: | ROCK HILL, SC 29732 |
| Owner Phone: | 000-000-0000 |
| Contact: | Not reported |
| Contact Tel: | 803-328-9200 |
| Capacity: | 8000 |
| Product: | Gasoline |
| Calcage: | 10 |
| Status: | Currently in use |

| Facility ID: | 9374 |
| Tank ID: | 1 |
| Owner: | AAMAAL LLC |
| Owner Contact: | Not reported |
| Owner Address: | 275 S CHARLOTTE AVE |
| Owner City,St,Zip: | ROCK HILL, SC 29732 |
| Owner Phone: | 000-000-0000 |
ONE STOP GROCERIES (Continued)

Contact: Not reported
Contact Tel: 803-328-9200
Capacity: 12000
Product: Gasoline
Calcage: 10
Status: Currently in use

F28
WADE WILLIAMS GULF
FINDS
SE
122 SOUTH OAKLAND AVE
LUST
1/4-1/2
ROCK HILL, SC 29730
1933 ft.

Site 1 of 2 in cluster F
Relative: Higher
Actual: 670 ft.

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.

LUST:
Facility ID: 09285
Release Number: 1
Proj Manager: HYDRICPA
Owner: WADE WILLIAMS GULF
Report Date: 11/01/90
Date Confirmed: 09/14/94
NFA Date: Not reported
Rank: 3BC
Facility Status: Currently inactive
Substance: PETRO

LUST:
Site num: 09285
Release Num: 1
Release date: 11/01/90
Confirmed date: 09/14/94
Cleanup complete date: Not reported
RP name: WILLIAMS
RP address: 632 SEDGEWOOD
RP city: ROCK HILL
RP state: SC
RP zip: 29732
Scrbca class code: CLASS3BC
Depth to ground water: 0
Ground water flow dir code: Not reported
Standard tasks.Getname(Rel.Release project mgr eid): HYDRICK, PATRICIA A
Release fin type code: WS
Sstl established code: Not reported
Coc concentrate code: Not reported

MAP FINDINGS
F29
SE
1/4-1/2
1933 ft.

Site 2 of 2 in cluster F

Relative: Higher
Actual: 670 ft.

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 09285
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: Yes
Volatile Organic Compounds: No
Metals: No
Nitrates or Potential to Nitrate: No
Pesticides & Herbicides: No
Polychlorinated Biphenyls: No
Base, Neutral, & Acid Extractables: No
Phenols: No
Radionuclides Over Max Contaminant Levels: No
Sources Not In Other Categories: No
Source: UST
Underground Storage Tanks: Yes
Pits, Ponds, & Lagoons: No
Spills & Leaks: No
Landfills: No
Aboveground Storage Tank: No
Spray Irrigation: No
Single-Event Spill: No
Unpermitted Disposal: No
Septic Tank/Tile Field: No
Substances Not In Other Categories: No
Sources of Contamination Undetermined: No
Assessment: No
Monitoring: Yes
Remediation: No
Surface Impact: Not reported
Drinking Water Well Impact: Not reported
Remarks: Site ID # 09285. RBCA Classification 3BC5. Inactive.

UST:
Facility ID: 9285
Tank ID: 3
Owner: WADE WILLIAMS GULF
Owner Contact: WADE WILLIAMS
Owner Address: 122 S OAKLAND AVE
Owner City, St, Zip: ROCK HILL, SC 29730-4522
Owner Phone: Not reported
Contact: WADE WILLIAMS
Contact Tel: Not reported
Capacity: 2000
Product: Diesel
Calçage: 25
Status: Abandoned
### WADE WILLIAMS GULF (Continued)

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<td>Owner:</td>
<td>WADE WILLIAMS GULF</td>
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<td>Owner Contact:</td>
<td>WADE WILLIAMS</td>
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<td>122 S OAKLAND AVE</td>
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<tr>
<td>Owner City, St, Zip:</td>
<td>ROCK HILL, SC 29730-4522</td>
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<td>Owner Phone:</td>
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<td>Contact:</td>
<td>WADE WILLIAMS</td>
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<td>Contact Tel:</td>
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<td>Capacity:</td>
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<td>Tank ID:</td>
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</tr>
<tr>
<td>Owner:</td>
<td>WADE WILLIAMS GULF</td>
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<td>Owner Contact:</td>
<td>WADE WILLIAMS</td>
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<tr>
<td>Owner Address:</td>
<td>122 S OAKLAND AVE</td>
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<td>Owner City, St, Zip:</td>
<td>ROCK HILL, SC 29730-4522</td>
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<td>Owner Phone:</td>
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<td>Owner Address:</td>
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<td>Owner City, St, Zip:</td>
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<td>Owner Contact:</td>
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<td>Owner City, St, Zip:</td>
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<td>Owner Phone:</td>
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<td>Contact:</td>
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<td>Capacity:</td>
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<td>Calage:</td>
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</table>
WADE WILLIAMS GULF (Continued)

Tank ID: 7  
Owner: WADE WILLIAMS GULF  
Owner Contact: WADE WILLIAMS  
Owner Address: 122 S OAKLAND AVE  
Owner City,St,Zip: ROCK HILL, SC 29730-4522  
Owner Phone: Not reported  
Contact: WADE WILLIAMS  
Contact Tel: Not reported  
Capacity: 4000  
Product: Petro  
Calcage: 25  
Status: Abandoned  

Tank ID: 4  
Owner: WADE WILLIAMS GULF  
Owner Contact: WADE WILLIAMS  
Owner Address: 122 S OAKLAND AVE  
Owner City,St,Zip: ROCK HILL, SC 29730-4522  
Owner Phone: Not reported  
Contact: WADE WILLIAMS  
Contact Tel: Not reported  
Capacity: 4000  
Product: Waste Oil  
Calcage: 25  
Status: Abandoned  

CATAWBA TRUCKING & TRANSP DIV  
227 W MOORE ST  
ROCK HILL, SC 29730  
12/31/91  
1/4-1/2  
2059 ft.  

FINDS:  
Other Pertinent Environmental Activity Identified at Site  

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.  

LUST:  
Facility ID: 09177  
Release Number: 1  
Proj Manager: PASLEYDC  
Owner: CATAWBA TRUCKING & TRANSP DIV  
Report Date: 12/31/91  
Date Confirmed: 03/23/92  
NFA Date: 12/29/92  
Rank: Not reported  
Facility Status: Not reported  
Substance: PETRO
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<th>Elevation</th>
<th>Database(s)</th>
<th>EDR ID Number</th>
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**Site 1 of 4 in cluster G**

**Relative:**
- **Higher**

**Actual:** 672 ft.

**Bureau:** BLWM

**EAP ID:** Not reported

**Solid Waste Permit #:** Not reported

**Bureau of Land & Waste Management File #:** Not reported

**Permit Number:** 09226

**WPC Permit:** Not reported

**Program:** DUST

**Contamination:** PETRO

**Petroleum Products:** Yes

**Volatile Organic Compounds:** No

**Metals:** No

**Nitrates or Potential to Nitrate:** No

**Pesticides & Herbicides:** No

**Polychlorinated Biphenyls:** No

**Base, Neutral, & Acid Extractables:** No

**Phenols:** No

**Radionuclides Over Max Contaminant Levels:** No

**Sources Not In Other Categories:** No

**Source:** UST

**Underground Storage Tanks:** Yes

**Pits, Ponds, & Lagoons:** No

**Spills & Leaks:** No

**Landfills:** No

**Aboveground Storage Tank:** No

**Spray Irrigation:** No

**Single-Event Spill:** No

**Unpermitted Disposal:** No

**Septic Tank/Tile Field:** No

**Substances Not In Other Categories:** No

**Sources of Contamination Undetermined:** No

**Assessment:** No

**Monitoring:** Yes

**Remediation:** No

**Surface Impact:** Not reported

**Drinking Water Well Impact:** Not reported

**Remarks:** Site ID # 09226. RBCA Classification 3BC8. Awaiting Funding.

**UST:**

<table>
<thead>
<tr>
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<th>9226</th>
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</thead>
<tbody>
<tr>
<td>Tank ID</td>
<td>1</td>
</tr>
<tr>
<td>Owner</td>
<td>WICKES LUMBER CO</td>
</tr>
<tr>
<td>Owner Contact</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner Address</td>
<td>1333 E MAIN ST</td>
</tr>
<tr>
<td>Owner City,St,Zip</td>
<td>ROCK HILL, SC 29730</td>
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<tr>
<td>Owner Phone</td>
<td>803-324-3140</td>
</tr>
<tr>
<td>Contact</td>
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</tr>
<tr>
<td>Contact Tel</td>
<td>-</td>
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<tr>
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<tr>
<td>Product</td>
<td>Gasoline</td>
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<tr>
<td>Calcage</td>
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</table>

**Status:** Abandoned
### Site 2 of 4 in cluster G

**Relative:** Higher  
**Actual:** 672 ft.

**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.

**LUST:**
- **Facility ID:** 09226  
- **Release Number:** 1  
- **Proj Manager:** HYDRICPA  
- **Owner:** WICKES LUMBER CO  
- **Report Date:** 10/06/92  
- **Date Confirmed:** 07/28/94  
- **NFA Date:** Not reported  
- **Rank:** 3BC  
- **Facility Status:** Awaiting funding  
- **Substance:** PETRO

**LUST:**
- **Site num:** 09226  
- **Release Num:** 1  
- **Release date:** 10/06/92  
- **Confirmed date:** 07/28/94  
- **Cleanup complete date:** Not reported  
- **RP name:** LEEDS BUILDING PRODUCTS  
- **RP address:** 1333 E MAIN ST  
- **RP city:** ROCK HILL  
- **RP state:** SC  
- **RP zip:** 29730  
- **Sccba class code:** CLASS3BC  
- **Depth to ground water:** 18  
- **Ground water flow dir code:** N  
- **Standardtasks.Getname(Rel.Release project mgr eid):** HYDRICK, PATRICIA A  
- **Release fn type code:** WS  
- **Sstl established code:** Not reported  
- **Coc concentrate code:** TIER 1

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<th>Elevation</th>
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<td>1/4-1/2</td>
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<td>Release fn type code</td>
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<tr>
<td>Coc concentrate code</td>
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MAP FINDINGS

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**Site 3 of 4 in cluster G**

**Relative:** Higher

**Actual:** 674 ft.

**FINDS:**

- Other Pertinent Environmental Activity Identified at Site

---

**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.

**LUST:**

- Facility ID: 09347
- Release Number: 1
- Proj Manager: HYDRICPA
- Owner: KAREN MORRIS
- Report Date: 12/27/89
- Date Confirmed: 12/27/89
- **NFA Date:** Not reported
- Rank: 4BC
- Facility Status: Conduct invest/risk assessment
- Substance: PETRO

**LUST:**

- Site num: 09347
- Release Num: 1
- Release date: 12/27/89
- Confirmed date: 12/27/89
- Cleanup complete date: Not reported
- RP name: DUNCAN OIL CO INC
- RP address: 230 COUNTRY CLUB DR
- RP city: ROCK HILL
- RP state: SC
- RP zip: 29730-6006
- Scrbc class code: CLASS4BC
- Depth to ground water: 14
- Ground water flow dir code: Not reported

**Standard tasks.Getname(Ref.Release project mgr eid):** HYDRICK, PATRICIA A

**Release fin type code:** WS

**Sttl established code:** Not reported

**Coc concentrate code:** IGWA
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<tbody>
<tr>
<td>Address</td>
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</tr>
<tr>
<td>City, State, Zip</td>
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**Relative:**

<table>
<thead>
<tr>
<th>Relative</th>
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<tbody>
<tr>
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<td>659 ft.</td>
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**Elevation:** 2165 ft.

**SC GWIC:**

| Bureau | BLWM |
| EAP ID | Not reported |
| Solid Waste Permit # | Not reported |
| Permit Number | 09347 |
| WPC Permit | Not reported |
| Program | DUST |
| Contamination | PETRO |
| Petroleum Products | Yes |
| Volatile Organic Compounds | No |
| Metals | No |
| Nitrates or Potential to Nitrate | No |
| Pesticides & Herbicides | No |
| Polychlorinated Biphenyls | No |
| Base, Neutral, & Acid Extractables | No |
| Phenols | No |
| Radionuclides Over Max Contaminant Levels | No |
| Sources Not In Other Categories | No |
| Source | UST |
| Underground Storage Tanks | Yes |
| Pits, Ponds, & Lagoons | No |
| Spills & Leaks | No |
| Landfills | No |
| Aboveground Storage Tank | No |
| Spray Irrigation | No |
| Single-Event Spill | No |
| Unpermitted Disposal | No |
| Septic Tank/Tile Field | No |
| Substances Not In Other Categories | No |
| Sources of Contamination Undetermined | No |
| Assessment | Yes |
| Monitoring | No |
| Remediation | No |
| Surface Impact | Not reported |
| Drinking Water Well Impact | Not reported |
| Remarks | Site ID # 09347. RBCA Classification 5B1. Conducting investigation/Risk Assessment. |

**UST:**

| Facility ID | 9347 |
| Tank ID | 5 |
| Owner | MORRIS |
| Owner Contact | KAREN BURRACH |
| Owner Address | 230 COUNTRY CLUB DR |
| Owner City, St, Zip | ROCK HILL, SC 29730-6006 |
| Owner Phone | 803-366-5937 |
| Contact | KAREN BURRACH |
| Contact Tel | 803-324-5551 |
| Capacity | 2000 |
| Product | Diesel |
| Calcage | Not reported |
| Status | Abandoned |
PARTY WORLD (Continued)

Facility ID: 9347  
Tank ID: 2  
Owner: MORRIS  
Owner Contact: KAREN BURRACH  
Owner Address: 230 COUNTRY CLUB DR  
Owner City,St,Zip: ROCK HILL, SC 29730-6006  
Owner Phone: 803-366-5937  
Contact: KAREN BURRACH  
Contact Tel: 803-324-5551  
Capacity: 15000  
Product: Gasoline  
Calcage: 20  
Status: Currently in use

Facility ID: 9347  
Tank ID: 3  
Owner: MORRIS  
Owner Contact: KAREN BURRACH  
Owner Address: 230 COUNTRY CLUB DR  
Owner City,St,Zip: ROCK HILL, SC 29730-6006  
Owner Phone: 803-366-5937  
Contact: KAREN BURRACH  
Contact Tel: 803-324-5551  
Capacity: 10000  
Product: Diesel  
Calcage: 20  
Status: Currently in use

Facility ID: 9347  
Tank ID: 4  
Owner: MORRIS  
Owner Contact: KAREN BURRACH  
Owner Address: 230 COUNTRY CLUB DR  
Owner City,St,Zip: ROCK HILL, SC 29730-6006  
Owner Phone: 803-366-5937  
Contact: KAREN BURRACH  
Contact Tel: 803-324-5551  
Capacity: 10000  
Product: Diesel  
Calcage: Not reported  
Status: Abandoned

Facility ID: 9347  
Tank ID: 6  
Owner: MORRIS  
Owner Contact: KAREN BURRACH  
Owner Address: 230 COUNTRY CLUB DR  
Owner City,St,Zip: ROCK HILL, SC 29730-6006  
Owner Phone: 803-366-5937  
Contact: KAREN BURRACH  
Contact Tel: 803-324-5551  
Capacity: 2000  
Product: Kerosene  
Calcage: Not reported  
Status: Abandoned

Facility ID: 9347
PARTY WORLD (Continued)

Tank ID: 1
Owner: MORRIS
Owner Contact: KAREN BURRACH
Owner Address: 230 COUNTRY CLUB DR
Owner City,St,Zip: ROCK HILL, SC 29730-6006
Owner Phone: 803-366-5937
Contact: KAREN BURRACH
Contact Tel: 803-324-5551
Capacity: 20000
Product: Gasoline
Calcage: 20
Status: Currently in use

G35 ROCK HILL ECONOMIC DEVELOPMENT
SSE 140 E MAIN ST
1/4-1/2 ROCK HILL, SC 99999
2181 ft.

Site 4 of 4 in cluster G
Relative: Higher

LUST:
Facility ID: 17677
Release Number: 1
Proj Manager: MINERRS
Owner: ROCK HILL ECONOMIC DEVELOPMENT
Report Date: 12/09/96
Date Confirmed: 12/09/96
NFA Date: 01/17/97
Rank: Not reported
Facility Status: Not reported
Substance: PETRO

UST:
Facility ID: 17677
Tank ID: 1
Owner: ROCK HILL ECONOMIC DEVELOPMENT
Owner Contact: BETH BAILEY
Owner Address: 140 E MAIN ST
Owner City,St,Zip: ROCK HILL, SC 99999
Owner Phone: 803-329-7094
Contact: BETH BAILEY
Contact Tel: 803-329-7094
Capacity: 6000
Product: Diesel
Calcage: 25
Status: Abandoned
### MAP FINDINGS

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<tr>
<th>Map ID</th>
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<td>LUST</td>
<td>S106665996</td>
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<tr>
<td></td>
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<table>
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<tr>
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<td>09373</td>
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<tr>
<td>Lower</td>
<td>652 ft.</td>
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**Site 1 of 2 in cluster H**

**SC GWIC:**
- Bureau: BLWM
- EAP ID: Not reported
- Solid Waste Permit #: Not reported
- Bureau of Land & Waste Management File #: Not reported
- Permit Number: 09373
- WPC Permit: Not reported
- Program: DUST
- Contamination: PETRO

**Petroleum Products:**
- Yes

**Volatile Organic Compounds:**
- No

**Metals:**
- No

**Nitrate or Potential to Nitrate:**
- No

**Pesticides & Herbicides:**
- No

**Polychlorinated Biphenyls:**
- No

**Base, Neutral, & Acid Extractables:**
- No

**Phenols:**
- No

**Radionuclides Over Max Contaminant Levels:**
- No

**Sources Not In Other Categories:**
- No

**Source:**
- UST

**Underground Storage Tanks:**
- Yes

**Pits, Ponds, & Lagoons:**
- No

**Spills & Leaks:**
- No

**Landfills:**
- No

**Aboveground Storage Tank:**
- No

**Spray Irrigation:**
- No

**Single-Event Spill:**
- No

**Unpermitted Disposal:**
- No

**Septic Tank/Tile Field:**
- No

**Substances Not In Other Categories:**
- No

**Sources of Contamination Undetermined:**
- No

**Assessment:**
- No

**Monitoring:**
- Yes

**Remediation:**
- No

**Surface Impact:**
- Not reported

**Drinking Water Well Impact:**
- Not reported

**Remarks:** Site ID # 09373. RBCA Classification 3BF6. Contacted.
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.
### FAST PACE STORE (Continued)

Program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

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<tbody>
<tr>
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<tr>
<td>Proj Manager:</td>
<td>HYDRICPA</td>
</tr>
<tr>
<td>Owner:</td>
<td>DANIEL YACOB</td>
</tr>
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<td>12/30/91</td>
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<tr>
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<td>PO BOX 2359</td>
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| Site ID: | 0405699 |
| Federal Facility: | Not a Federal Facility |
| NPL Status: | Not on the NPL |
| Non NPL Status: | NFRAP |

**CERCLIS-NFRAP Site Contact Name(s):**

- **Contact Name:** CRAIG ZELLER
- **Contact Tel:** (404) 562-8827

**SHWS:** 1003869467

**CERC-NFRAP:** SCD987581741

**BROWNFIELDS:** ALLSITES

**VCP:**
### ROBERT BREWER PROPERTY/ARCADE MILL (Continued)

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<thead>
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<th>Contact Title:</th>
<th>Remedial Project Manager (RPM)</th>
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<tbody>
<tr>
<td>Contact Name:</td>
<td>Ralph Howard</td>
</tr>
<tr>
<td>Contact Tel:</td>
<td>(404) 562-8829</td>
</tr>
<tr>
<td>Contact Title:</td>
<td>Remedial Project Manager (RPM)</td>
</tr>
<tr>
<td>Contact Name:</td>
<td>Craig Zeller</td>
</tr>
<tr>
<td>Contact Tel:</td>
<td>(404) 562-8827</td>
</tr>
<tr>
<td>Contact Title:</td>
<td>Site Assessment Manager (SAM)</td>
</tr>
<tr>
<td>Contact Name:</td>
<td>YVONNE JONES</td>
</tr>
<tr>
<td>Contact Tel:</td>
<td>(404) 562-8793</td>
</tr>
<tr>
<td>Contact Title:</td>
<td>Remedial Project Manager (RPM)</td>
</tr>
<tr>
<td>Contact Name:</td>
<td>Mike Norman</td>
</tr>
<tr>
<td>Contact Tel:</td>
<td>(404) 562-8792</td>
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<tr>
<td>Contact Title:</td>
<td>Remedial Project Manager (RPM)</td>
</tr>
<tr>
<td>Contact Name:</td>
<td>William Joyner</td>
</tr>
<tr>
<td>Contact Tel:</td>
<td>(404) 562-8795</td>
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<td>Remedial Project Manager (RPM)</td>
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<tr>
<td>Contact Name:</td>
<td>Paul Wagner</td>
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<td>Contact Tel:</td>
<td>(404) 562-8792</td>
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**Site Description:** OLD ARCADE MILL SITE HAS BEEN USED BY SEVERAL COMPANIES, MOST RECENTLY FACET GLAS FIBERGLASS TUB CO. SEVERAL DRUMS BURIED ON PROPERTY.

**CERCLIS-NFRAP Assessment History:**
- **Action:** DISCOVERY  
  - **Date Started:** Not reported  
  - **Date Completed:** 07/23/1991  
  - **Priority Level:** Not reported
- **Action:** ARCHIVE SITE  
  - **Date Started:** Not reported  
  - **Date Completed:** 09/30/1991  
  - **Priority Level:** Not reported
- **Action:** PRELIMINARY ASSESSMENT  
  - **Date Started:** Not reported  
  - **Date Completed:** 09/30/1991  
  - **Priority Level:** NFRAP (No Further Remedial Action Planned)

**SC BROWNFIELD:**
- **Brownfields Site:** Yes
- **Luc Type Used:** Hazardous Substances
- **Future Land Use/ Anticipated Results From Cntrls:** No
- **Response Action Planned For Next Fiscal Year:** Yes
- **Project Completed:**
- **Size Of Property:** 5.0 Acreage
- **Site Cleaned Up To Unrestricted Use:** Not reported

**VCP:**
- **Contract #:** 03-5145-NRP
- **Old Contract #:** 5145
ROBERT BREWER PROPERTY/ARCADE MILL (Continued)

Company Name: Arcade Textile Mill/ City of Rock Hill
Acreage: 5
exec_date: 7/28/03
Completed: Not reported
Restrictive Covenant: Not reported
On CERCLIS: No
File Number: 54513

ALLSITES:
Soil Constituents Of Concern Found: Not reported
Ground Water Constituents Of Concern Found: Not reported
Eqc District: 3
Surface Water-Sed. Constits Of Concern Found: Not reported
Latitude/Longitude: 34 55 25.1 / 081 02 28.9
Gps?: Yes
Air Constituents Of Concern Found: Not reported
Land Use Controls Implemented: Not reported
Brownfields Site: Yes
Type Used: Not reported
Type Brownfields Site: Hazardous Substances
Future Land Use Or Anticipated Results fr Cntrls: Not reported
128(A) Funds Used For Assessment: No
Constituents Of Concern Addressed: Not reported
Response Action Planned For Next Fiscal Year: Yes
Deed Posted For Ground Water: Not reported
Project Completed: - -
Surface Water Posted: Not reported
Size Of Property: 5.0 Acreage
Deed Restrictions For Soil: F
Was The Site Cleaned Up To Unrestricted Use?: Not reported
<table>
<thead>
<tr>
<th>City</th>
<th>EDR ID</th>
<th>Site Name</th>
<th>Site Address</th>
<th>Zip</th>
<th>Database(s)</th>
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<tr>
<td>CATAWBA</td>
<td>1000188727</td>
<td>FORMER INDUSTRIAL CHEMICAL CO. LANDFILL</td>
<td>US HWY 21 N 1/2 MI FROM S-465</td>
<td>29730</td>
<td>GWCI, RCRA-SQG, SHWS, FINDS, RAATS, CERC-NFRAP</td>
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<td>FORT MILL</td>
<td>1007237435</td>
<td>ROCK HILL CONCRETE CO INC</td>
<td>HWY 21 SOUTH</td>
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<td>FINDS, LUST</td>
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<td>FORT MILL</td>
<td>U003970383</td>
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<td>FORT MILL</td>
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<td>ROCK HILL CONCRETE CO INC</td>
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<td>FORT MILL</td>
<td>U003524736</td>
<td>WARRIOR SHOPPE</td>
<td>HWY 521 AT JIM WILSON RD</td>
<td>29730</td>
<td>UST</td>
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<td>LANCASTER</td>
<td>1007233085</td>
<td>CIRCLE K 8367</td>
<td>723 GILLSBROOK RD HWY 9</td>
<td>29730</td>
<td>FINDS, LUST</td>
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<td>LANCASTER</td>
<td>U003520140</td>
<td>CIRCLE K 8367</td>
<td>723 GILLSBROOK RD HWY 9</td>
<td>29730</td>
<td>GWCI, UST</td>
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<td>ROCK HILL</td>
<td>A100036322</td>
<td>MITCHELL OIL</td>
<td>HWY 21 NORTH BYPASS</td>
<td>29730</td>
<td>AST</td>
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<tr>
<td>ROCK HILL</td>
<td>1010082322</td>
<td>LANDFILL INC.</td>
<td>HIGHWAY 21</td>
<td>29730</td>
<td>CERC-CLIS</td>
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<td>ROCK HILL</td>
<td>U003524776</td>
<td>S&amp;F GROCERY</td>
<td>RT 3</td>
<td>29730</td>
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<td>ROCK HILL</td>
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<td>ROPERS GROCERY</td>
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<td>29730</td>
<td>FINDS, UST</td>
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<td>ROCK HILL</td>
<td>U003629298</td>
<td>FAST BUCKS</td>
<td>5595 HWY 5 S</td>
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<td>ROCK HILL</td>
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<td>29730</td>
<td>SHWS</td>
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<td>ROCK HILL</td>
<td>1003869328</td>
<td>BOBO'S BODY SHOP</td>
<td>HIGHWAY 72 (ALBRIGHT ROAD)</td>
<td>29730</td>
<td>CERC-NFRAP</td>
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<td>ROCK HILL</td>
<td>U003524775</td>
<td>S&amp;D MARKET</td>
<td>RT 8 PO BOX 208A</td>
<td>29730</td>
<td>UST</td>
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<td>ROCK HILL</td>
<td>U001542203</td>
<td>WHITE PINETUCK</td>
<td>HWY 901</td>
<td>29730</td>
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<td>ROCK HILL</td>
<td>1007115202</td>
<td>LANKESS CORP ROCK HILL SITE</td>
<td>730 ANDERSON RD</td>
<td>29730</td>
<td>RCRA-SQG, SHWS</td>
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<tr>
<td>ROCK HILL</td>
<td>S103245807</td>
<td>NATIONAL FENCE MFG CO INC</td>
<td>3 BLKS E OF HWY 21 ON LEE ST</td>
<td>29730</td>
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<td>ROCK HILL</td>
<td>1004780110</td>
<td>1ST BANK FIRST FEDERAL SAVINGS</td>
<td>1ST CHERRY RD</td>
<td>29730</td>
<td>RCRA-SQG, SHWS, FINDS</td>
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<td>ROCK HILL</td>
<td>S105611298</td>
<td>ROCK HILL MGP</td>
<td>CONSTITUTION BLVD. @ LEE ST</td>
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<td>SHWS</td>
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<td>ROCK HILL</td>
<td>S103722100</td>
<td>ELECTRIC SERVICE COMPANY</td>
<td>FIRE TOWER ROAD</td>
<td>29730</td>
<td>SHWS</td>
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<td>ROCK HILL</td>
<td>U001119822</td>
<td>UPS ROCK HILL</td>
<td>580 MT GALLANT RD</td>
<td>29730</td>
<td>GWCI, UST</td>
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<td>ROCK HILL</td>
<td>S105736172</td>
<td>WILLINGHAM TRACT DUMP SITE</td>
<td>HERLONG AVENUE</td>
<td>29732</td>
<td>SHWS</td>
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<td>ROCK HILL</td>
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<td>BELK SITE</td>
<td>US HIGHWAY 5/21</td>
<td>29730</td>
<td>SHWS</td>
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<td>ROCK HILL</td>
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<td>CELANESE CHEMICAL CO</td>
<td>US HWY 21 N AT CATAWBA</td>
<td>29730</td>
<td>RCRA-SQG, FINDS</td>
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<td>ROCK HILL</td>
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<td>OFF SC ROUTE 5</td>
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<td>ROCK HILL</td>
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<td>QUANZ STREET</td>
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<td>SHWS</td>
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<td>ROCK HILL</td>
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<td>TWIN LAKES - LILY GLEN</td>
<td>TWIN LAKES ROAD AT HOMESTEAD</td>
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<td>CERC-CLIS, SHWS, FINDS</td>
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<td>ROCK HILL</td>
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<td>BEATY WHOLESALE</td>
<td>212 WILSON ST</td>
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<td>LUST, UST</td>
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<td>TOWNVILLE</td>
<td>U003629174</td>
<td>SPINX 216</td>
<td>6416 HWY 24 @ I 85</td>
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<td>YORK COUNTY</td>
<td>U003604011</td>
<td>NEWPORT PATROL FACILITY</td>
<td>305 HANDS MILL RD (SC 274)</td>
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<td>GWCI</td>
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</table>
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.

### FEDERAL RECORDS

#### 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:** 07/18/2007
- **Date Data Arrived at EDR:** 08/03/2007
- **Date Made Active in Reports:** 08/29/2007
- **Number of Days to Update:** 26
- **Source:** EPA
- **Telephone:** N/A
- **Last EDR Contact:** 07/31/2007
- **Next Scheduled EDR Contact:** 10/29/2007
- **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:** 08/09/2007
- **Date Data Arrived at EDR:** 09/05/2007
- **Date Made Active in Reports:** 10/11/2007
- **Number of Days to Update:** 36
- **Source:** EPA
- **Telephone:** N/A
- **Last EDR Contact:** 08/31/2007
- **Next Scheduled EDR Contact:** 10/29/2007
- **Data Release Frequency:** Quarterly

#### 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:** 08/27/2007
- **Date Data Arrived at EDR:** 08/29/2007
- **Date Made Active in Reports:** 10/11/2007
- **Number of Days to Update:** 43
- **Source:** EPA
- **Telephone:** N/A
- **Last EDR Contact:** 08/29/2007
- **Next Scheduled EDR Contact:** 10/29/2007
- **Data Release Frequency:** Quarterly
NPL LIENS: Federal Superfund Liens
Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority
to file liens against real property in order to recover remedial action expenditures or when the property owner
received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56
Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities
List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/23/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 70
Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 09/19/2007
Next Scheduled EDR Contact: 12/17/2007
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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.
This decision does not necessarily mean that there is no hazard associated with a given site; it only means that,
based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/21/2007
Date Data Arrived at EDR: 07/23/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 37
Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 09/17/2007
Next Scheduled EDR Contact: 12/17/2007
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/26/2007
Date Data Arrived at EDR: 08/08/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 21
Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/04/2007
Next Scheduled EDR Contact: 12/03/2007
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information
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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

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

**HMIRS:** Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

**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.

**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.
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
- **Telephone:** 703-692-8801
- **Last EDR Contact:** 08/09/2007
- **Next Scheduled EDR Contact:** 11/05/2007
- **Data Release Frequency:** Semi-Annually

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:** 12/31/2006
- **Source:** U.S. Army Corps of Engineers
- **Telephone:** 202-528-4285
- **Last EDR Contact:** 10/01/2007
- **Next Scheduled EDR Contact:** 12/31/2007
- **Data Release Frequency:** Semi-Annually

US BROWNFIELDS: A Listing of Brownfields Sites
Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA’s Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities—especially those without EPA Brownfields Assessment Demonstration Pilots—minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA’s Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients—States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

- **Date of Government Version:** 06/20/2007
- **Source:** Environmental Protection Agency
- **Telephone:** 202-566-2777
- **Last EDR Contact:** 09/10/2007
- **Next Scheduled EDR Contact:** 12/10/2007
- **Data Release Frequency:** Semi-Annually

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:** 04/13/2007
- **Source:** Department of Justice, Consent Decree Library
- **Telephone:** Varies
- **Last EDR Contact:** 08/23/2007
- **Next Scheduled EDR Contact:** 10/22/2007
- **Data Release Frequency:** Varies

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:** 06/08/2007
- **Source:** EPA
- **Telephone:** 703-416-0223
- **Last EDR Contact:** 10/01/2007
- **Next Scheduled EDR Contact:** 12/31/2007
- **Data Release Frequency:** Annually
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: 12/31/2005
Date Data Arrived at EDR: 11/08/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 82

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

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: 12/31/2005
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 69

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: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

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: 07/06/2007
Date Data Arrived at EDR: 07/20/2007
Date Made Active in Reports: 09/18/2007
Number of Days to Update: 60

FTTS INSPI: 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: 07/06/2007
Date Data Arrived at EDR: 07/20/2007
Date Made Active in Reports: 09/18/2007
Number of Days to Update: 60
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: 12/31/2005
Date Data Arrived at EDR: 03/13/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 45
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Annually

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: 03/08/2007
Date Data Arrived at EDR: 04/12/2007
Date Made Active in Reports: 05/14/2007
Number of Days to Update: 32
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 07/31/2007
Date Data Arrived at EDR: 08/01/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 28
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/29/2007
Next Scheduled EDR Contact: 10/29/2007
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 01/08/2007
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 3
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 10/24/2007
Next Scheduled EDR Contact: 12/24/2007
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 09/17/2007
Next Scheduled EDR Contact: 12/17/2007
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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: EPA, Region 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 415-972-3336</td>
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<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 09/24/2007</td>
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<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 12/24/2007</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: 72</td>
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</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Environmental Protection Agency</th>
</tr>
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<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
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<td>Number of Days to Update</td>
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<tr>
<td></td>
<td>Data Release Frequency: Quarterly</td>
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</table>

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Department of the Navy</th>
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<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 12/10/2007</td>
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<tr>
<td></td>
<td>Data Release Frequency: Various</td>
</tr>
</tbody>
</table>

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Department of Transporation, Office of Pipeline Safety</th>
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<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 11/26/2007</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Various</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: EPA</th>
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<tbody>
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<td>Date Data Arrived at EDR</td>
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<td>Date Made Active in Reports</td>
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<tr>
<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 11/05/2007</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Varies</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Nuclear Regulatory Commission</th>
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</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 301-415-7169</td>
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<td>Date Made Active in Reports</td>
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<tr>
<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 12/31/2007</td>
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<td></td>
<td>Data Release Frequency: Quarterly</td>
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</table>
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: 05/09/2007  Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/28/2007  Telephone: 303-231-5959
Date Made Active in Reports: 08/29/2007  Last EDR Contact: 09/26/2007
Number of Days to Update: 62  Next Scheduled EDR Contact: 12/24/2007
Data Release Frequency: Semi-Annually

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: 07/19/2007  Source: EPA
Date Data Arrived at EDR: 07/25/2007  Telephone: (404) 562-9900
Date Made Active in Reports: 09/18/2007  Last EDR Contact: 10/01/2007
Number of Days to Update: 55  Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System
RCRA Administrative 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: 08/31/2007
Number of Days to Update: 35  Next Scheduled EDR Contact: 12/03/2007
Data Release Frequency: No Update Planned

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: 12/31/2005  Source: EPA/NTIS
Date Data Arrived at EDR: 03/06/2007  Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2007  Last EDR Contact: 09/12/2007
Number of Days to Update: 38  Next Scheduled EDR Contact: 12/10/2007
Data Release Frequency: Biennially

PWS: Public Water System Data
This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 02/24/2000  Source: EPA
Date Data Arrived at EDR: 04/27/2005  Telephone: N/A
Date Made Active in Reports: N/A  Last EDR Contact: 08/20/2007
Number of Days to Update: 0  Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: N/A

USGS WATER WELLS: National Water Information System (NWIS)
This database consists of well records in the United States. Available site descriptive information includes well location information (latitude and longitude, well depth, site use, water use, and aquifer).
STATE AND LOCAL RECORDS

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.

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

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.

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.

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.
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: 06/18/2007
Date Data Arrived at EDR: 07/10/2007
Date Made Active in Reports: 08/28/2007
Number of Days to Update: 49
Source: Department of Health and Environmental Control
Telephone: 803-896-7957
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank List
Registered Aboveground Storage Tanks.

Date of Government Version: 03/25/2004
Date Data Arrived at EDR: 08/04/2004
Date Made Active in Reports: 09/23/2004
Number of Days to Update: 50
Source: Department of Health and Environmental Control
Telephone: 803-898-4350
Next Scheduled EDR Contact: 12/24/2007
Data Release Frequency: Varies

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

Date of Government Version: 07/16/2007
Date Data Arrived at EDR: 07/23/2007
Date Made Active in Reports: 08/22/2007
Number of Days to Update: 30
Source: Department of Health and Environmental Control
Telephone: 803-898-4111
Next Scheduled EDR Contact: 12/24/2007
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 Data Arrived at EDR: 07/24/2007
Date Made Active in Reports: 08/22/2007
Number of Days to Update: 29
Source: Department of Health & Environmental Control
Telephone: 803-896-4049
Last EDR Contact: 10/09/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Varies

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

Date of Government Version: 09/14/2005
Date Data Arrived at EDR: 11/16/2005
Date Made Active in Reports: 12/28/2005
Number of Days to Update: 42
Source: Department of Health and Environmental Control
Telephone: 803-896-4049
Last EDR Contact: 10/10/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Database
The Drycleaning Facility Restoration Trust Fund database is used to access, prioritize and cleanup contaminated registered drycleaning 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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Department of Health &amp; Environmental Control</th>
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<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
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<td>Date Made Active in Reports</td>
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<td>Varies</td>
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</table>

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

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Department of Health &amp; Environmental Control</th>
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<td>Date Data Arrived at EDR</td>
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<td>Date Made Active in Reports</td>
<td>08/22/2007</td>
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<td>Data Release Frequency</td>
<td>Varies</td>
</tr>
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</table>

#### AIRS: Permitted Airs Facility Listing
A listing of permitted airs facilities.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Department of Health &amp; Environmental Control</th>
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### TRIBAL RECORDS

#### 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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: USGS</th>
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<td>Date Data Arrived at EDR</td>
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#### INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: EPA Region 7</th>
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<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
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#### INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

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<th>Source: EPA Region 8</th>
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<td>Date Data Arrived at EDR</td>
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INDIAN LUST R6:  Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.
Date of Government Version: 01/04/2005  Source:  EPA Region 6
Date Data Arrived at EDR: 01/21/2005  Telephone:  214-665-6597
Date Made Active in Reports: 02/28/2005  Last EDR Contact: 08/20/2007
Number of Days to Update: 38  Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Varies

INDIAN LUST R4:  Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.
Date of Government Version: 09/05/2007  Source:  EPA Region 4
Date Data Arrived at EDR: 10/02/2007  Telephone:  404-562-8677
Date Made Active in Reports: 10/11/2007  Last EDR Contact: 08/20/2007
Number of Days to Update: 9  Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R1:  Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.
Date of Government Version: 12/01/2006  Source:  EPA Region 1
Date Data Arrived at EDR: 12/01/2006  Telephone:  617-918-1313
Date Made Active in Reports: 01/29/2007  Last EDR Contact: 08/20/2007
Number of Days to Update: 59  Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Varies

INDIAN LUST R10:  Leaking Underground Storage Tanks on Indian Land
Date of Government Version: 09/12/2007  Source:  EPA Region 10
Date Data Arrived at EDR: 09/14/2007  Telephone:  206-553-2857
Date Made Active in Reports: 10/11/2007  Last EDR Contact: 08/20/2007
Number of Days to Update: 27  Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Varies

INDIAN LUST R9:  Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada
Date of Government Version: 09/11/2007  Source:  Environmental Protection Agency
Date Data Arrived at EDR: 09/14/2007  Telephone:  415-972-3372
Date Made Active in Reports: 10/11/2007  Last EDR Contact: 08/20/2007
Number of Days to Update: 27  Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Quarterly

INDIAN UST R8:  Underground Storage Tanks on Indian Land
Date of Government Version: 08/27/2007  Source:  EPA Region 8
Date Data Arrived at EDR: 09/07/2007  Telephone:  303-312-6137
Date Made Active in Reports: 10/11/2007  Last EDR Contact: 08/20/2007
Number of Days to Update: 34  Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Quarterly

INDIAN UST R5:  Underground Storage Tanks on Indian Land
Date of Government Version: 12/02/2004  Source:  EPA Region 5
Date Data Arrived at EDR: 12/29/2004  Telephone:  312-886-6136
Date Made Active in Reports: 02/04/2005  Last EDR Contact: 08/20/2007
Number of Days to Update: 37  Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Varies
INDIAN UST R10: Underground Storage Tanks on Indian Land
Date of Government Version: 09/12/2007
Date Data Arrived at EDR: 09/14/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 27
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Quarterly
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/20/2007

INDIAN UST R6: Underground Storage Tanks on Indian Land
Date of Government Version: 08/31/2007
Date Data Arrived at EDR: 08/31/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 41
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Semi-Annually
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 08/20/2007

INDIAN UST R7: Underground Storage Tanks on Indian Land
Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Semi-Annually
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/20/2007

INDIAN UST R4: Underground Storage Tanks on Indian Land
Date of Government Version: 09/05/2007
Date Data Arrived at EDR: 10/02/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 9
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Varies
Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 08/20/2007

INDIAN UST R9: Underground Storage Tanks on Indian Land
Date Data Arrived at EDR: 09/14/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 27
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Semi-Annually
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 08/20/2007

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.
Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Varies
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/20/2007

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: 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.
GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

FEDERAL RECORDS

MEDICAL CENTERS:  Provider of Services Listing  
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 & Human Services.  
Date of Government Version: 06/01/1998  
Date Data Arrived at EDR: 11/10/2005  
Date Made Active in Reports: N/A  
Number of Days to Update: 0  
Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000  
Last EDR Contact: 01/12/2007  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

PUBLIC SCHOOLS:  Public Schools  
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.  
Date of Government Version: N/A  
Date Data Arrived at EDR: 07/13/2004  
Date Made Active in Reports: N/A  
Number of Days to Update: 0  
Source: National Center for Education statistics  
Telephone: 202-502-7300  
Last EDR Contact: 10/10/2007  
Next Scheduled EDR Contact: 01/07/2008  
Data Release Frequency: N/A

PRIVATE SCHOOLS:  Private Schools of the United States  
The National Center for Education Statistics' primary database on private school locations in the United States.  
Date of Government Version: N/A  
Date Data Arrived at EDR: 10/07/2005  
Date Made Active in Reports: N/A  
Number of Days to Update: 0  
Source: National Center for Education Statistics  
Telephone: 202-502-7300  
Last EDR Contact: 09/22/2006  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

HOSPITALS:  AHA Hospital Guide  
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.  
Date of Government Version: N/A  
Date Data Arrived at EDR: 10/19/1994  
Date Made Active in Reports: N/A  
Number of Days to Update: 0  
Source: American Hospital Association  
Telephone: 800-242-2626  
Last EDR Contact: 09/22/2006  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

COLLEGES:  Integrated Postsecondary Education Data  
The National Center for Education Statistics' primary database on integrated postsecondary education in the United States.  
Date of Government Version: N/A  
Date Data Arrived at EDR: 10/12/2005  
Date Made Active in Reports: N/A  
Number of Days to Update: 0  
Source: National Center for Education Statistics  
Telephone: 202-502-7300  
Last EDR Contact: 09/22/2006  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

NURSING HOMES:  Directory of Nursing Homes  
Information on Medicare and Medicaid certified nursing homes in the United States.
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: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66
Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 09/12/2007
Next Scheduled EDR Contact: 12/10/2007
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 04/01/2007
Date Data Arrived at EDR: 04/05/2007
Date Made Active in Reports: 05/08/2007
Number of Days to Update: 33
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/16/2007
Next Scheduled EDR Contact: 12/31/2007
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: 08/27/2007
Date Data Arrived at EDR: 08/30/2007
Date Made Active in Reports: 09/21/2007
Number of Days to Update: 22
Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/30/2007
Next Scheduled EDR Contact: 11/26/2007
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 08/23/2007
Date Made Active in Reports: 09/27/2007
Number of Days to Update: 35
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/10/2007
Next Scheduled EDR Contact: 12/10/2007
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/12/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 15
Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 10/16/2007
Next Scheduled EDR Contact: 12/17/2007
Data Release Frequency: Annually
**WI MANIFEST:** Manifest Information

- **Date of Government Version:** 12/31/2006
- **Date Data Arrived at EDR:** 04/27/2007
- **Date Made Active in Reports:** 06/08/2007
- **Number of Days to Update:** 42
- **Source:** Department of Natural Resources
- **Telephone:** N/A
- **Last EDR Contact:** 10/09/2007
- **Next Scheduled EDR Contact:** 01/07/2008
- **Data Release Frequency:** Annually

**Oil/Gas Pipelines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

**Electric Power Transmission Line Data**
- **Source:** PennWell Corporation
- **Telephone:** (800) 823-6277

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

**AHA Hospitals:**
- **Source:** American Hospital Association, Inc.
- **Telephone:** 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association’s annual survey of hospitals.

**Medical Centers: Provider of Services Listing**
- **Source:** Centers for Medicare & Medicaid Services
- **Telephone:** 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

**Nursing Homes**
- **Source:** National Institutes of Health
- **Telephone:** 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

**Public Schools**
- **Source:** National Center for Education Statistics
- **Telephone:** 202-502-7300

The National Center for Education Statistics’ primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

**Private Schools**
- **Source:** National Center for Education Statistics
- **Telephone:** 202-502-7300

The National Center for Education Statistics’ primary database on private school locations in the United States.

**Daycare Centers: Child Day Care List**
- **Source:** Department of Social Services
- **Telephone:** 803-898-7345

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

**State Wetlands Data: Wetlands Inventory**
- **Source:** Department of Natural Resources
- **Telephone:** 803-734-9494
Assessment of the impact of contaminant migration generally has two principle investigative components:

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

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

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES

Target Property Elevation: 658 ft.

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.
HYDROLOGIC INFORMATION
Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE
Target Property County: YORK, SC
FEMA Flood Electronic Data: Not Available
Flood Plain Panel at Target Property: Not Reported
Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY
NWI Quad at Target Property: ROCK HILL WEST
NWI Electronic Data Coverage: 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.

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>LOCATION</th>
<th>GENERAL DIRECTION</th>
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<tbody>
<tr>
<td>Not Reported</td>
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<td>GROUNDWATER FLOW</td>
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</tbody>
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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

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<tr>
<th>Era:</th>
<th>Paleozoic</th>
<th>GEOLOGIC AGE IDENTIFICATION</th>
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<td>System:</td>
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<td>Category: Plutonic and Intrusive Rocks</td>
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<tr>
<td>Series:</td>
<td>Paleozoic mafic intrusives</td>
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</tr>
</tbody>
</table>


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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: CECIL
Soil Surface Texture: sandy loam
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.
Corrosion Potential - Uncoated Steel: HIGH
Depth to Bedrock Min: > 60 inches
Depth to Bedrock Max: > 60 inches
### Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Upper</th>
<th>Lower</th>
<th>Soil Texture Class</th>
<th>AASHTO Group</th>
<th>Unified Soil</th>
<th>Permeability Rate (in/hr)</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>7 inches</td>
<td>sandy loam</td>
<td>Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.</td>
<td>Max: 6.00 Min: 2.00</td>
<td>Max: 6.50 Min: 4.50</td>
</tr>
<tr>
<td>2</td>
<td>7 inches</td>
<td>11 inches</td>
<td>sandy clay loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.</td>
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<td>Max: 5.50 Min: 4.50</td>
</tr>
<tr>
<td>3</td>
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<td>50 inches</td>
<td>clay</td>
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<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.</td>
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<td>Not reported</td>
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</table>

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

**Soil Surface Textures:**
- loamy sand
- sandy clay loam

**Surficial Soil Types:**
- loamy sand
- sandy clay loam

**Shallow Soil Types:**
- sandy clay
- clay loam
- clay

**Deeper Soil Types:**
- sandy clay loam

### LOCAL / REGIONAL WATER AGENCY RECORDS

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

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<th>SEARCH DISTANCE (miles)</th>
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</tr>
<tr>
<td>Federal FRDS PWS</td>
<td>Nearest PWS within 1 mile</td>
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<tr>
<td>State Database</td>
<td>1.000</td>
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### FEDERAL USGS WELL INFORMATION

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### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

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<td>6</td>
<td>SC1270108</td>
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Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

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<td>SC00000000001861</td>
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<td>B7</td>
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### Remarks:

- Not Reported
GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump Information:

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A2
SSE
1/4 - 1/2 Mile Higher

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Construction Information:

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<td>Diagram:</td>
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<td>Cody's Driller Company</td>
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<tr>
<td>Grout</td>
<td>Y</td>
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<td>Casnum</td>
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</tr>
<tr>
<td>Csg1dia</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Csg1bot</td>
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<tr>
<td>Scr1typ</td>
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<td>Scr1top</td>
<td>Not Reported</td>
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<td>Scr1slt</td>
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### Remarks:
- Water @ 500' & 590' Higher
Construction Information:

Scwrc: 31E-a202  Scwrc tran: 31E-a202
Scwrc orig: 31E-a22  Dated: 03/19/1987 00:00:00
Driller Company: B & B  Driller individual: Not Reported
Method: RA  Filter: N
Grout: Y  Diagram: N
Casnum: 1  Csg1typ: Not Reported
Csg1dia: 6  Csg1top: Not Reported
Csg1bot: 50  Scr1num: 1
Scr1typ: Open  Scr1dia: Not Reported
Scr1top: 50  Scr1bot: 205
Scr1srt: Not Reported

Screen Information:

Scwrc: 31E-a203  Scwrc tran: 31E-a203
Scwrc orig: 31E-a23  Dia: 6
Top: 30  Bot: 605
Slt: Not Reported  Type: OPEN
Screenum: 1

Water Level Information:

Scwrc: 31E-a203  Scwrc tran: 31E-a203
Scwrc orig: 31E-a23  Ddate: 03/31/1996
Time: Not Reported  Lsd: -42
Msl: -99999  Mytype: R
Conf: DRIL

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

A4
SSE
1/4 - 1/2 Mile
Higher

Scwrc: 31E-a202  Scwrc tran: 31E-a202
Scwrc orig: 31E-a22  Dhec permi: Not Reported
Ownid: Not Reported  Urid: Not Reported
Locat: S of Rock Hill  Cono: YRK-0466
Quad: Rock Hill W  Quadno: 51
Locataccur: Not Reported  Latdms: 345499
Longdms: 810099  Utms: 0
Utmn: 0  Drdpth: 205
Drdpth: 205  Comdpth: -1
Elev: -1  Elev: Not Reported  Topog: Not Reported
Owner: James D Burns  Contact: Not Reported
Address: 1133 Flint Street Ext  City: Rock Hill
State: SC  Zip: 29730
Phone: 803/324-1848  Aquifer: Not Reported
Basin: Not Reported  Wtruse: DO
Sorctp: W  Yield: 15
Cons: X  Wq: Not Reported
Gl: X  Pt: Not Reported
Wl: X  Remarks: Water @ 200'
Pr: Not Reported  Updated: 11/28/1995 00:00:00
Ca: X  Sc: X
Pu: X  Qm: Not Reported
Cia: Not Reported  Date print: Not Reported

Construction Information:

Scwrc: 31E-a202  Scwrc tran: 31E-a202
Scwrc orig: 31E-a22  Dated: 03/19/1987 00:00:00
Driller Company: B & B  Driller individual: Not Reported
Method: RA  Filter: N
Grout: Y  Diagram: N
Casnum: 1  Csg1typ: Not Reported
Csg1dia: 6  Csg1top: Not Reported
Csg1bot: 50  Scr1num: 1
Scr1typ: Open  Scr1dia: Not Reported
Scr1top: 50  Scr1bot: 205
Scr1srt: Not Reported
Violations Information:

Violation ID: 9425566  Source ID: Not Reported  PWS Phone: Not Reported
Vio. beginning Date: 07/01/93  Vio. end Date: 12/31/93  Vio. Period: 006 Months
Num required Samples: Not Reported  Number of Samples Taken: Not Reported
Analysis Result: Not Reported  Maximum Contaminant Level: Not Reported
Analysis Method: Not Reported
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Vio. Awareness Date: Not Reported
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System Name: N CHESTER HEADSTART
Violation Type: Monitoring, Routine Major (TCR)
Contaminant: COLIFORM (TCR)
Compliance Period: 1/1/2004 0:00:00 - 3/31/2004 0:00:00
Violation ID: 4934404
Enforcement Date: 4/10/2004 0:00:00
Enf. Action: State Violation/Reminder Notice

System Name: N CHESTER HEADSTART
Violation Type: Monitoring, Routine Major (TCR)
Contaminant: COLIFORM (TCR)
Compliance Period: 1/1/2004 0:00:00 - 3/31/2004 0:00:00
Violation ID: 4934404
Enforcement Date: 4/10/2004 0:00:00
Enf. Action: State Public Notif Requested
ENFORCEMENT INFORMATION:

System Name: N CHESTER HEADSTART
Violation Type: Monitoring, Routine Major (TCR)
Contaminant: COLIFORM (TCR)
Compliance Period: 1/1/2004 0:00:00 - 3/31/2004 0:00:00
Violation ID: 4934404
Enforcement Date: 4/10/2004 0:00:00
Enf. Action: State Violation/Reminder Notice

System Name: N CHESTER HEADSTART
Violation Type: Monitoring, Routine Major (TCR)
Contaminant: COLIFORM (TCR)
Compliance Period: 1/1/2004 0:00:00 - 3/31/2004 0:00:00
Violation ID: 4934404
Enforcement Date: 4/10/2004 0:00:00
Enf. Action: State Public Notif Requested

CONTACT INFORMATION:

Name: N CHESTER HEADSTART
Contact: PLYLER, LARRY
Address: PO BOX 933
Rock Hill, SC 29730

Phone: Not Reported
Population: 155

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

B7
NNE
1/2 - 1 Mile
Higher

Scwrc: 31D--uz201
Scwrc orig: 31D--uz1
OWNID: Not Reported
LOCAT: Rock Hill
QUAD: Rock Hill W
Locataccur: Not Reported
Latdms: 345599
Longdms: 810099
Uttn: 0
Utme: 0
Drdpth: 75
Comdpth: -1
Elev: -1
Elevr: Not Reported
Owner: Not Reported
Address: Not Reported
City: Rock Hill
State: SC
Zip: 29730
Phone: Not Reported
Aquifer: Not Reported
Basin: Not Reported
Wtruse: DO
Sorctp: W
Yield: 30
Cons: X
Wq: Not Reported
Gl: X
Pt: Not Reported
Wl: X
Remarks: Red clay 0-30', brown clay 30-70', soft white rock 70-75'
Pr: Not Reported
Updated: 11/28/1995 00:00:00
Ca: X
Sc: X
Pu: Not Reported
Qm: Not Reported
Cia: Not Reported
Date print: Not Reported

SC WELLS
SC0000000001797

Plyler, Larry
PO Box 933
Rock Hill, SC 29730

Phone: Not Reported
Population: 155
Constructions Information:

- **Scwrc**: 31D–uz01
- **Scwrc tran**: 31D–uz01
- **Driller Company**: Comer
- **Driller individual individual**: Not Reported
- **Method**: RA
- **Grout**: Y
- **Casnum**: 1
- **Csg1dia**: 6
- **Csg1bot**: 70
- **Scr1typ**: Open
- **Scr1top**: 70
- **Scr1bot**: Not Reported

Screens Information:

- **Scwrc**: 31D–uz01
- **Scwrc tran**: 31D–uz01
- **Top**: 70
- **Slit**: Not Reported
- **Screenum**: 1
- **Dia**: 6
- **Bot**: 75
- **Type**: OPEN

Water Level Information:

- **Scwrc**: 31D–uz01
- **Scwrc tran**: 31D–uz01
- **Time**: Not Reported
- **Lsd**: -12
- **Msl**: -99999
- **Mtype**: R
- **Conf**: DRIL
- **Datedr**: 05/25/1987

B8
NNE - 1 Mile
1/2 - 1 Mile
Higher

- **Owner**: Mike Andrews
- **Address**: Not Reported
- **State**: SC
- **Phone**: Not Reported
- **Basin**: Not Reported
- **Wtruse**: DO
- **Yield**: 30
- **Wq**: Not Reported
- **Pt**: Not Reported
- **Remarks**: water in "soft white rock" 70-75'
- **Pr**: Not Reported

Updated: 08/16/1999 00:00:00
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### Location Information:

- **City**: Rock Hill
- **State**: SC
- **Zip**: 29730
- **Address**: 1101 E. Main Street
- **Phone**: Not Reported
- **Owner**: Brenda Stewart
- **Contact**: Not Reported
- **Yield**: 25
- **Topog**: Not Reported
- **Aquifer**: DO
- **Basin**: Not Reported
- **Aquifer**: Not Reported
### GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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### Construction Information:

- **Scwrc:** 31D--uz03  
- **Scwrc tran:** 31D--uz03  
- **Datedr:** 03/08/1992 00:00:00  
- **Driller Company:** Cody’s Inc.  
- **Driller individual:** Not Reported  
- **Method:** RA  
- **Grout:** Y  
- **Diagram:** N  
- **Casnum:** 1  
- **Csg1typ:** Not Reported  
- **Csg1bot:** Not Reported  
- **Csg1dia:** 1  
- **Scr1typ:** Not Reported  
- **Scr1bot:** Not Reported  
- **Scr1dia:** Not Reported  
- **Scr1slt:** Not Reported

### Screens Information:

- **Scwrc:** 31D--uz03  
- **Scwrc tran:** 31D--uz03  
- **Dia:** 6  
- **Bot:** 265  
- **Type:** OPEN  
- **Screenum:** 1

### Water Level Information:

- **Scwrc:** 31D--uz03  
- **Scwrc tran:** 31D--uz03  
- **Ddate:** 03/08/1992  
- **Lsd:** -16  
- **Msl:** -9999  
- **Mtype:** R  
- **Conf:** DRIL

### Pump Information:

- **Scwrc:** 31D--uz03  
- **Scwrc tran:** 31D--uz03  
- **Tpump:** SU  
- **Hp:** .5  
- **Indep:** 100

---

B10  
NNE  
1/2 - 1 Mile  
Higher  

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AREA RADON INFORMATION

Federal EPA Radon Zone for YORK County: 2

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: 29730
Number of sites tested: 8

<table>
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<tr>
<th>Area</th>
<th>Average Activity</th>
<th>% &lt;4 pCi/L</th>
<th>% 4-20 pCi/L</th>
<th>% &gt;20 pCi/L</th>
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<td>0.700 pCi/L</td>
<td>100%</td>
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<tr>
<td>Living Area - 2nd Floor</td>
<td>Not Reported</td>
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<td>Basement</td>
<td>1.300 pCi/L</td>
<td>100%</td>
<td>0%</td>
<td>0%</td>
</tr>
</tbody>
</table>
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.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 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 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

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
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 Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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.
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

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

South Carolina Water Well Database
Source: Department of Natural Resources
Telephone: 803-734-6440

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
PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Certified Sanborn® Map Report

The Bleachery
420 White Street
Rock Hill, SC 29730

Inquiry Number 2054679.3S

October 18, 2007

440 Wheelers Farms Rd
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com
The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Irminger Consulting were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

**Certified Sanborn Results:**

- **Site Name:** The Bleachery
- **Address:** 420 White Street
- **City, State, Zip:** Rock Hill, SC 29730
- **Cross Street:**
- **P.O. #** NA
- **Project:** 0026-002LS
- **Certification #** E603-4ECD-AA77

**Maps Identified** - Number of maps indicated within "( )"

- 1963 (2)
- 1949 (2)
- 1926 (2)
- 1916 (1)

**Total Maps:** 7

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The EDR Radius Map™ Report with GeoCheck®
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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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

420 WEST WHITE STREET
ROCK HILL, SC 29730

COORDINATES

Latitude (North): 34.933200 - 34˚ 55’ 59.5”
Longitude (West): 81.031000 - 81˚ 1’ 51.6”
Universal Tranverse Mercator: Zone 17
UTM X (Meters): 497168.8
UTM Y (Meters): 3865438.2
Elevation: 656 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 34081-H1 ROCK HILL WEST, SC
Most Recent Revision: 1984

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

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<tr>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID</th>
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<tr>
<td>ROCK HILL, SC 29730</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROCK HILL PRINTING AND FINISHING</td>
<td>LUST</td>
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<tr>
<td>ROCK HILL, SC 29731</td>
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<tr>
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<td>RCRA-NonGen</td>
<td>SCD987574613</td>
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<td>ROCK HILL, SC 29731</td>
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<td>ROCK HILL PRINTING AND FINISHING</td>
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EXECUTIVE SUMMARY

YORK PRINTING & FINISHING-CLOSED
420 W WHITE ST
ROCK HILL, SC  29730

FINDS
N/A

420 WEST WHITE STREET
420 WEST WHITE STREET
ROCK HILL, SC

ERNS
N/A

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
CERCLIS------------------- Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY---------- Federal Facility Site Information listing

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
RCRA-CESQG---------------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries
US ENG CONTROLS---------- Engineering Controls Sites List
EXECUTIVE SUMMARY

US INST CONTROL. Sites with Institutional Controls

State and tribal landfill and/or solid waste disposal site lists
SWF/LF. Permitted Landfills List

State and tribal leaking storage tank lists
INDIAN LUST. Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists
AST. Aboveground Storage Tank List
INDIAN UST. Underground Storage Tanks on Indian Land
FEMA UST. Underground Storage Tank Listing

State and tribal institutional control / engineering control registries
RCR. Registry of Conditional Remedies
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 Lists of Landfill / Solid Waste Disposal Sites
ODL. Open Dump Inventory
DEBRIS REGION 9. Torres Martinez Reservation Illegal Dump Site Locations
SWRCY. Solid Waste Recycling Facilities
INDIAN ODI. Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites
US CDL. Clandestine Drug Labs
CDL. Clandestine Drug Lab Sites
US HIST CDL. National Clandestine Laboratory Register

Local Land Records
LIENS 2. CERCLA Lien Information
LUCIS. Land Use Control Information System

Records of Emergency Release Reports
HMIRS. Hazardous Materials Information Reporting System
SPILLS. Spills Database List
Other Ascertainable Records
DOT OPS  Incident and Accident Data
DOD  Department of Defense Sites
FUDS  Formerly Used Defense Sites
CONSENT  Superfund (CERCLA) Consent Decrees
ROD  Records Of Decision
UMTRA  Uranium Mill Tailings Sites
MINES  Mines Master Index File
TRIS  Toxic Chemical Release Inventory System
TSCA  Toxic Substances Control Act
FTTS  FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS  FIFRA/TSCA Tracking System Administrative Case Listing
SSTS  Section 7 Tracking Systems
ICIS  Integrated Compliance Information System
PADS  PCB Activity Database System
MLTS  Material Licensing Tracking System
RADINFO  Radiation Information Database
RAATS  RCRA Administrative Action Tracking System
UIC  Underground Injection Wells Listing
DRYCLEANERS  Drycleaner Database
NPDES  Waste Water Treatment Facilities Listing
AIRS  Permitted Airs Facility Listing
INDIAN RESERV  Indian Reservations
SCRD DRYCLEANERS  State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA  Coal Combustion Residues Surface Impoundments List
COAL ASH DOE  Steam-Electric Plan Operation Data
COAL ASH  Coal Ash Disposal Sites
PCB TRANSFORMER  PCB Transformer Registration Database

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 CERCLIS NFRAP site List
CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS
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 this 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. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 06/23/2009 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
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<td>NATIONAL FENCE MFG CO</td>
<td>181 N LEE ST</td>
<td>WNW 0 - 1/8 (0.080 mi.)</td>
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<td>22</td>
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</table>

**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 01/04/2010 has revealed that there are 8 SHWS sites within approximately 1 mile of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
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</thead>
<tbody>
<tr>
<td>ROCK HILL REVITALIZATION</td>
<td>E WHITE ST / DAVE LYL</td>
<td>SE 1/4 - 1/2 (0.298 mi.)</td>
<td>23</td>
<td>52</td>
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<td>FMR DRYCLEAN USA OF SC, INC</td>
<td>529 CHERRY RD</td>
<td>N 1/2 - 1 (0.546 mi.)</td>
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<td>71</td>
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<tr>
<td>ONE HOUR MARTINIZING</td>
<td>1045 CAMDEN AVE</td>
<td>NNW 1/2 - 1 (0.552 mi.)</td>
<td>44</td>
<td>71</td>
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<td>CROWN CLEANERS</td>
<td>725 CHERRY RD SUITE 178</td>
<td>NNE 1/2 - 1 (0.663 mi.)</td>
<td>45</td>
<td>71</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROCK HILL BODY COMPANY (FORMER</td>
<td>615 W MAIN ST</td>
<td>SW 1/8 - 1/4 (0.241 mi.)</td>
<td>18</td>
<td>33</td>
</tr>
<tr>
<td>SAWYERS DRY CLEANING &amp; LAUNDRY</td>
<td>325 SOUTH CHERRY RD</td>
<td>WNW 1/2 - 1 (0.534 mi.)</td>
<td>42</td>
<td>71</td>
</tr>
<tr>
<td>ROBERT BREWER/ARCADE MILL SITE</td>
<td>7 BLACKWELL ST</td>
<td>SW 1/2 - 1 (0.708 mi.)</td>
<td>46</td>
<td>72</td>
</tr>
<tr>
<td>QUICK AS A WINK #461</td>
<td>423 SALUDA ST</td>
<td>SSE 1/2 - 1 (0.750 mi.)</td>
<td>47</td>
<td>73</td>
</tr>
</tbody>
</table>

**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 02/22/2010 has revealed that there are 18 LUST sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MARSHALL FAMILY PARTNERSHIP</td>
<td>241 W WHITE ST</td>
<td>SSE 0 - 1/8 (0.077 mi.)</td>
<td>9</td>
<td>21</td>
</tr>
<tr>
<td>WYLIES TEXACO</td>
<td>174 W WHITE ST</td>
<td>SE 1/8 - 1/4 (0.146 mi.)</td>
<td>B12</td>
<td>28</td>
</tr>
<tr>
<td>ROSANNE MOORE BARNES PROPERTY</td>
<td>323 W MAIN ST</td>
<td>SW 1/8 - 1/4 (0.197 mi.)</td>
<td>C16</td>
<td>30</td>
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**EXECUTIVE SUMMARY**

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MARSHALL TIRE SERVICE INC</strong>&lt;br&gt;No Action Required: 06/14/07</td>
<td>202 W MAIN ST</td>
<td>SSW 1/8 - 1/4 (0.198 mi.)</td>
<td>17</td>
<td>31</td>
</tr>
<tr>
<td><strong>OPERATIONS CENTER</strong>&lt;br&gt;No Action Required: 01/13/95</td>
<td>349 COLUMBIA AVE</td>
<td>NW 1/8 - 1/4 (0.247 mi.)</td>
<td>D19</td>
<td>33</td>
</tr>
<tr>
<td><strong>WINTHROP UNIVERSITY ROCK HILL</strong>&lt;br&gt;No Action Required: 10/04/00</td>
<td>701 OAKLAND AVE</td>
<td>NE 1/4 - 1/2 (0.269 mi.)</td>
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<td>34</td>
</tr>
<tr>
<td><strong>TOWN CENTER MALL</strong></td>
<td>N DAVE LYLE BLVD / E MA</td>
<td>SSE 1/4 - 1/2 (0.316 mi.)</td>
<td>E25</td>
<td>54</td>
</tr>
<tr>
<td><strong>FORMER OAKLAND AVE STATION</strong>&lt;br&gt;No Action Required: 06/24/02</td>
<td>104 OAKLAND AVE</td>
<td>ESE 1/4 - 1/2 (0.320 mi.)</td>
<td>F27</td>
<td>56</td>
</tr>
<tr>
<td><strong>FORMER OVERHEAD STATION</strong>&lt;br&gt;No Action Required: 01/17/97</td>
<td>103 W OAKLAND AVE</td>
<td>ESE 1/4 - 1/2 (0.325 mi.)</td>
<td>F29</td>
<td>58</td>
</tr>
<tr>
<td><strong>WADE WILLIAMS GULF</strong></td>
<td>122 SOUTH OAKLAND AVE</td>
<td>SE 1/4 - 1/2 (0.380 mi.)</td>
<td>H32</td>
<td>61</td>
</tr>
<tr>
<td><strong>WICKES LUMBER CO</strong></td>
<td>133 E MAIN ST</td>
<td>SSE 1/4 - 1/2 (0.407 mi.)</td>
<td>I35</td>
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<tr>
<td><strong>PARTY WORLD</strong></td>
<td>1307 E MAIN ST</td>
<td>SSE 1/4 - 1/2 (0.423 mi.)</td>
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<td>66</td>
</tr>
<tr>
<td><strong>ROCK HILL ECONOMIC DEVELOPMENT</strong>&lt;br&gt;No Action Required: 10/27/94</td>
<td>140 E MAIN ST</td>
<td>SSE 1/4 - 1/2 (0.425 mi.)</td>
<td>I38</td>
<td>68</td>
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<tr>
<td><strong>EPISCOPAL CHURCH OF OUR SAVIOR</strong>&lt;br&gt;No Action Required: 01/17/97</td>
<td>144 CALDWELL ST</td>
<td>SE 1/4 - 1/2 (0.454 mi.)</td>
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<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MAIN POST OFFICE</strong>&lt;br&gt;No Action Required: 08/03/95</td>
<td>206 S WILSON ST</td>
<td>SSW 1/4 - 1/2 (0.278 mi.)</td>
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<td>52</td>
</tr>
<tr>
<td><strong>CHARLOTTE AVENUE PROPERTY</strong>&lt;br&gt;No Action Required: 12/29/92</td>
<td>104 S CHARLOTTE AVE</td>
<td>ESE 1/4 - 1/2 (0.376 mi.)</td>
<td>G30</td>
<td>59</td>
</tr>
<tr>
<td><strong>CATAWBA TRUCKING &amp; TRANSP DIV</strong>&lt;br&gt;No Action Required: 12/29/92</td>
<td>227 W MOORE ST</td>
<td>SW 1/4 - 1/2 (0.402 mi.)</td>
<td>34</td>
<td>63</td>
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<tr>
<td><strong>FAST PACE STORE</strong></td>
<td>106 S CHERRY RD</td>
<td>NW 1/4 - 1/2 (0.488 mi.)</td>
<td>J41</td>
<td>70</td>
</tr>
</tbody>
</table>

**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 02/22/2010 has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
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</thead>
<tbody>
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<td>174 W WHITE ST</td>
<td>SE 1/8 - 1/4 (0.146 mi.)</td>
<td>B13</td>
<td>29</td>
</tr>
<tr>
<td><strong>ROSANNE MOORE BARNES PROPERTY</strong></td>
<td>323 W MAIN ST</td>
<td>SW 1/8 - 1/4 (0.197 mi.)</td>
<td>C15</td>
<td>30</td>
</tr>
<tr>
<td><strong>MARSHALL TIRE SERVICE INC</strong>&lt;br&gt;No Action Required: 06/14/07</td>
<td>202 W MAIN ST</td>
<td>SSW 1/8 - 1/4 (0.198 mi.)</td>
<td>17</td>
<td>31</td>
</tr>
<tr>
<td><strong>OPERATIONS CENTER</strong>&lt;br&gt;No Action Required: 01/13/95</td>
<td>349 COLUMBIA AVE</td>
<td>NW 1/8 - 1/4 (0.247 mi.)</td>
<td>D20</td>
<td>33</td>
</tr>
</tbody>
</table>
ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists
US BROWNFIELDS: The EPA’s listing of Brownfields properties addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments

A review of the US BROWNFIELDS list, as provided by EDR, and dated 10/01/2009 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORMER OAKLAND AVENUE STATION</td>
<td>104 OAKLAND AVENUE</td>
<td>ESE 1/4 - 1/2 (0.320 mi.)</td>
<td>F28</td>
<td>56</td>
</tr>
</tbody>
</table>

Local Lists of Hazardous waste / Contaminated Sites
ALLSITES: 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.

A review of the ALLSITES list, as provided by EDR, and dated 01/25/2010 has revealed that there is 1 ALLSITES site within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORMER OAKLAND AVE STATION</td>
<td>104 OAKLAND AVE</td>
<td>ESE 1/4 - 1/2 (0.320 mi.)</td>
<td>F26</td>
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</tr>
</tbody>
</table>

Other Ascertainable Records
RCRA-NonGen: 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 list, as provided by EDR, and dated 01/13/2010 has revealed that there are 3 RCRA-NonGen sites within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>CITY BODY SHOP OF ROCK HILL IN</td>
<td>251 N WILSON ST</td>
<td>SE 1/8 - 1/4 (0.130 mi.)</td>
<td>11</td>
<td>26</td>
</tr>
<tr>
<td>FABRIC RESOURCES INTERNATIONAL</td>
<td>245 STEWART AVE</td>
<td>NW 0 - 1/8 (0.004 mi.)</td>
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<td>19</td>
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<tr>
<td>NATIONAL FENCE MFG CO</td>
<td>181 N LEE ST</td>
<td>WNW 0 - 1/8 (0.080 mi.)</td>
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</table>
A review of the GWCI list, as provided by EDR, and dated 07/01/2008 has revealed that there are 8 GWCI sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MARSHALL TIRE SERVICE INC</td>
<td>202 W MAIN ST</td>
<td>SSW 1/8 - 1/4 (0.198 mi.)</td>
<td>17</td>
<td>31</td>
</tr>
<tr>
<td>TOWN CENTER MALL</td>
<td>N DAVE LYLE BLVD AND E</td>
<td>SSE 1/4 - 1/2 (0.316 mi.)</td>
<td>E24</td>
<td>52</td>
</tr>
<tr>
<td>FORMER OAKLAND AVE STATION</td>
<td>104 OAKLAND AVE</td>
<td>ESE 1/4 - 1/2 (0.320 mi.)</td>
<td>F26</td>
<td>54</td>
</tr>
<tr>
<td>WADE WILLIAMS GULF</td>
<td>122 S OAKLAND AVE</td>
<td>SE 1/4 - 1/2 (0.380 mi.)</td>
<td>H33</td>
<td>61</td>
</tr>
<tr>
<td>WICKES LUMBER CO</td>
<td>133 E MAIN ST</td>
<td>SSE 1/4 - 1/2 (0.407 mi.)</td>
<td>I36</td>
<td>65</td>
</tr>
<tr>
<td>PARTY WORLD</td>
<td>1307 E MAIN ST</td>
<td>SSE 1/4 - 1/2 (0.423 mi.)</td>
<td>37</td>
<td>66</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARLOTTE AVENUE PROPERTY</td>
<td>104 S CHARLOTTE AVE</td>
<td>ESE 1/4 - 1/2 (0.376 mi.)</td>
<td>G31</td>
<td>59</td>
</tr>
<tr>
<td>FAST PACE STORE</td>
<td>106 S CHERRY RD</td>
<td>NW 1/4 - 1/2 (0.488 mi.)</td>
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<td>69</td>
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</table>

EDR PROPRIETARY RECORDS

**EDR Proprietary Records**

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.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there is 1 Manufactured Gas Plants site within approximately 1 mile of the target property.

<table>
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<tr>
<th>Lower Elevation</th>
<th>Address</th>
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<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROCK HILL GAS CO</td>
<td>N LEE STREET</td>
<td>W 1/8 - 1/4 (0.194 mi.)</td>
<td>14</td>
<td>30</td>
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Due to poor or inadequate address information, the following sites were not mapped:

<table>
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<tr>
<th>Site Name</th>
<th>Database(s)</th>
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<td>UPS ROCK HILL</td>
<td>GWCI, UIC, UST</td>
</tr>
<tr>
<td>W. L. POPE CONSTRUCTION C&amp;D LANDFI</td>
<td>RCR</td>
</tr>
<tr>
<td>MARTIN MARIETTA AGGREGATES:ROCK HI</td>
<td>AIRS</td>
</tr>
<tr>
<td>NATIONAL FENCE MFG CO INC</td>
<td>SHWS, ALLSITES</td>
</tr>
<tr>
<td>FORMER INDUSTRIAL CHEMICAL CO. LAN</td>
<td>CERCLIS, RCRA-NonGen, FINDS, RAATS, SHWS, GWCI</td>
</tr>
<tr>
<td>FERGUSON SITE</td>
<td>SHWS, RCRA-NonGen, FINDS, SHWS</td>
</tr>
<tr>
<td>1ST CHERRY RD</td>
<td>SHWS</td>
</tr>
<tr>
<td>ROCK HILL MGP</td>
<td>SHWS</td>
</tr>
<tr>
<td>ELECTRIC SERVICE COMPANY</td>
<td>SHWS</td>
</tr>
<tr>
<td>WILLINGHAM TRACT DUMP SITE</td>
<td>SHWS</td>
</tr>
<tr>
<td>TECH PARK PROPERTY</td>
<td>SHWS</td>
</tr>
<tr>
<td>TWIN LAKES - LILY GLEN</td>
<td>SHWS</td>
</tr>
<tr>
<td>BELK SITE</td>
<td>SHWS</td>
</tr>
<tr>
<td>RT 5</td>
<td>SHWS</td>
</tr>
<tr>
<td>HWY 72 ALBRIGHT ROAD</td>
<td>CERC-NFRAP</td>
</tr>
<tr>
<td>ROCK HILL CONCRETE CO INC</td>
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<td>CIRCLE K 8367</td>
<td>FINDS, LUST</td>
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<tr>
<td>FORMER WOOLCO STORE</td>
<td>FINDS, LUST</td>
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<td>RT 5</td>
<td>FINDS, LUST</td>
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<tr>
<td>NEWPORT PATROL FACILITY</td>
<td>GWCI, LUST, UST</td>
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<tr>
<td>TOWN CENTER MALL 2</td>
<td>LUST</td>
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<tr>
<td>BEATY WHOLESALE</td>
<td>LUST, UST</td>
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<tr>
<td>ROCK HILL CONCRETE CO INC</td>
<td>UST</td>
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<tr>
<td>CIRCLE K 8367</td>
<td>GWCI, UST</td>
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<tr>
<td>S&amp;F GROCERY</td>
<td>UST</td>
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<tr>
<td>ROPERS GROCERY</td>
<td>UST</td>
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<tr>
<td>FAST BUCKS</td>
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<tr>
<td>S&amp;D MARKET</td>
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<td>WHITE PINETUCK</td>
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<td>TOWN CENTER MALL 2</td>
<td>GWCI, UST</td>
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<tr>
<td>ROCK HILL QUARRY</td>
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<tr>
<td>MITCHELL OIL</td>
<td>AST</td>
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<tr>
<td>CONCRETE FINISHING SPECIALIST</td>
<td>AST</td>
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<tr>
<td>REA CONSTRUCTION - ROCK HILL</td>
<td>AST</td>
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<tr>
<td>BAYER CORP ROCK HILL CLOSED</td>
<td>FINDS</td>
</tr>
<tr>
<td>PERFORMANCE FOOD GROUP, ROCK HILL, VERONA:ROCK HILL</td>
<td>FINDS</td>
</tr>
<tr>
<td>ROCK HILL/YORK CO/BRYAN</td>
<td>FINDS</td>
</tr>
<tr>
<td>CLARIANT LSM (AMERICA):ROCK HILL-C</td>
<td>FINDS</td>
</tr>
<tr>
<td>ROCK HILL FEED &amp; SEED</td>
<td>FINDS</td>
</tr>
<tr>
<td>TOWN CENTER MALL 1.8 ACRE SITE 3B</td>
<td>US BROWNFIELDS</td>
</tr>
<tr>
<td>FEED AND SEED SITE</td>
<td>US BROWNFIELDS</td>
</tr>
<tr>
<td>OLD ROCK HILL MALL</td>
<td>SPIEELS</td>
</tr>
<tr>
<td>ROCK HILL CHEMICAL CO.</td>
<td>ICIS</td>
</tr>
</tbody>
</table>
## Standard Environmental Records

### Federal NPL Site List

<table>
<thead>
<tr>
<th>Database</th>
<th>Search Distance (Miles)</th>
<th>&lt; 1/8</th>
<th>1/8 - 1/4</th>
<th>1/4 - 1/2</th>
<th>1/2 - 1</th>
<th>&gt; 1</th>
<th>Total Plotted</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPL</td>
<td>1.000</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
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<tr>
<td>Proposed NPL</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>NPL LIENS</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
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### Federal Delisted NPL Site List

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<th>1/8 - 1/4</th>
<th>1/4 - 1/2</th>
<th>1/2 - 1</th>
<th>&gt; 1</th>
<th>Total Plotted</th>
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<tbody>
<tr>
<td>Delisted NPL</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
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</table>

### Federal CERCLIS Site List

<table>
<thead>
<tr>
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<th>1/4 - 1/2</th>
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<th>&gt; 1</th>
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</thead>
<tbody>
<tr>
<td>CERCLIS</td>
<td>0.500</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
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### Federal CERCLIS NFRAP Site List

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### Federal RCRA CORRACTS Facilities List

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### State and tribal Brownfields sites

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### ADDITIONAL ENVIRONMENTAL RECORDS

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

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

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**EDR PROPRIETARY RECORDS**

**EDR Proprietary Records**

- Manufactured Gas Plants
  - 1.000

**NOTES:**

- TP = Target Property
- NR = Not Requested at this Search Distance
- Sites may be listed in more than one database
<table>
<thead>
<tr>
<th>Site</th>
<th>Property</th>
<th>Target Address</th>
<th>Brownfield</th>
<th>Brownfield Type</th>
<th>DHEC EQC Region</th>
<th>Funds Used</th>
<th>Resp Action</th>
<th>Lat</th>
<th>Long</th>
<th>Impacted Media</th>
<th>Cleanup Complete Date</th>
<th>Release Complete Date</th>
<th>Project Manager</th>
<th>Release Fin Type Code</th>
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<tr>
<td>A1</td>
<td>ROCK HILL PRINTING AND FINISHING</td>
<td>420 W WHITE ST</td>
<td>No</td>
<td>Hazardous Substances</td>
<td>03</td>
<td>No</td>
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<td>34.93281195</td>
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<td>7/1/1998</td>
<td>7/1/1998</td>
<td>THOMA, DEBRA L</td>
<td>Qualifies for Fund with Deductible</td>
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<tr>
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<td>ROCK HILL, SC 29730</td>
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<td>ROCK HILL PRINTING AND FINISHING LLC</td>
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</tr>
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<td></td>
<td>ROCK HILL, SC 29731</td>
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</table>
ROCK HILL PRINTING AND FINISHING LLC (Continued)

Release Date: 7/1/1998
Cleanup Complete Date: Not reported
RP Name: SPRINGS GLOBAL US INC
RP Address: 205 N WHITE ST
RP City: FORT MILL
RP State: SC
RP Zip: 29715
SCRBCA Class Code: CLASS2BA
Depth to Ground Water: 12.19
Ground Water Flow Direction: NW
Project Manager: THOMA, DEBRA L
Release Fin Type Code: Qualifies for Fund with Deductible

Facility ID: 18188
Release Number: 2
Facility Status: active corrective action
Substance: PETRO
Owner: SPRINGS GLOBAL US INC
NFA Date: 04/27/09
Date Confirmed: 08/27/98
Report Date: 07/01/98
Rank: 2BA

LUST DETAIL:
Release Date: 7/1/1998
Cleanup Complete Date: Not reported
RP Name: SPRINGS GLOBAL US INC
RP Address: 205 N WHITE ST
RP City: FORT MILL
RP State: SC
RP Zip: 29715
SCRBCA Class Code: CLASS3BA
Depth to Ground Water: 12.19
Ground Water Flow Direction: NW
Project Manager: THOMA, DEBRA L
Release Fin Type Code: Qualifies for Fund with Deductible

Release Date: 7/1/1998
Cleanup Complete Date: Not reported
RP Name: SPRINGS GLOBAL US INC
RP Address: 205 N WHITE ST
RP City: FORT MILL
RP State: SC
RP Zip: 29715
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Site</th>
<th>Elevation</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
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</table>

ROCK HILL PRINTING AND FINISHING LLC (Continued)

- **SCRBCA Class Code:** CLASS4BC
- **Depth to Ground Water:** 12.19
- **Ground Water Flow Direction:** NW
- **Project Manager:** THOMA, DEBRA L
- **Release Fin Type Code:** Qualifies for Fund with Deductible

**Release Date:** 7/1/1998
- **Cleanup Complete Date:** Not reported
- **RP Name:** SPRINGS GLOBAL US INC
- **RP Address:** 205 N WHITE ST
- **RP City:** FORT MILL
- **RP State:** SC
- **RP Zip:** 29715
- **SCRBCA Class Code:** CLASS2BA
- **Depth to Ground Water:** 12.19
- **Ground Water Flow Direction:** NW
- **Project Manager:** THOMA, DEBRA L
- **Release Fin Type Code:** Qualifies for Fund with Deductible

**Facility ID:** 18188
- **Release Number:** 1
- **Facility Status:** active corrective action
- **Substance:** PETRO
- **Owner:** SPRINGS GLOBAL US INC

**NFA Date:** 04/27/09
- **Date Confirmed:** 08/27/98
- **Report Date:** 07/01/98
- **Rank:** 2BA

**LUST DETAIL:**
- **Release Date:** 7/1/1998
- **Cleanup Complete Date:** Not reported
- **RP Name:** SPRINGS GLOBAL US INC
- **RP Address:** 205 N WHITE ST
- **RP City:** FORT MILL
- **RP State:** SC
- **RP Zip:** 29715
- **SCRBCA Class Code:** CLASS3BA
- **Depth to Ground Water:** 12.19
- **Ground Water Flow Direction:** NW
- **Project Manager:** THOMA, DEBRA L
- **Release Fin Type Code:** Qualifies for Fund with Deductible

**Release Date:** 7/1/1998
ROCK HILL PRINTING AND FINISHING LLC (Continued) U003524705

Cleanup Complete Date: Not reported
RP Name: SPRINGS GLOBAL US INC
RP Address: 205 N WHITE ST
RP City: FORT MILL
RP State: SC
RP Zip: 29715
SCRBCA Class Code: CLASS4BC
Depth to Ground Water: 12.19
Ground Water Flow Direction: NW
Project Manager: THOMA, DEBRA L
Release Fin Type Code: Qualifies for Fund with Deductible

Release Date: 7/1/1998
Cleanup Complete Date: Not reported
RP Name: SPRINGS GLOBAL US INC
RP Address: 205 N WHITE ST
RP City: FORT MILL
RP State: SC
RP Zip: 29715
SCRBCA Class Code: CLASS2BA
Depth to Ground Water: 12.19
Ground Water Flow Direction: NW
Project Manager: THOMA, DEBRA L
Release Fin Type Code: Qualifies for Fund with Deductible

Release Date: 7/1/1998
Cleanup Complete Date: Not reported
RP Name: SPRINGS GLOBAL US INC
RP Address: 205 N WHITE ST
RP City: FORT MILL
RP State: SC
RP Zip: 29715
SCRBCA Class Code: CLASS2BA
Depth to Ground Water: 12.19
Ground Water Flow Direction: NW
Project Manager: THOMA, DEBRA L
Release Fin Type Code: With SUPERB

Facility ID: 18188
Release Number: 4
Facility Status: active corrective action
Substance: PETRO
Owner: SPRINGS GLOBAL US INC
NFA Date: 04/27/09
Date Confirmed: 08/27/98
Report Date: 07/01/98
Rank: 3BA

LUST DETAIL:
Release Date: 7/1/1998
Cleanup Complete Date: Not reported
RP Name: SPRINGS GLOBAL US INC
RP Address: 205 N WHITE ST
RP City: FORT MILL
RP State: SC
RP Zip: 29715
SCRBCA Class Code: CLASS3BA
ROCK HILL PRINTING AND FINISHING LLC (Continued)  U003524705

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<th>Year</th>
<th>ML</th>
<th>ML</th>
</tr>
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<tr>
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</table>

Depth to Ground Water: 12.19  
Ground Water Flow Direction: NW  
Release Date: 7/1/1998  
Cleanup Complete Date: Not reported  
Project Manager: THOMA, DEBRA L  
Release Fin Type Code: Qualifies for Fund with Deductible

ROCK HILL PRINTING AND FINISHING LLC

UST:

<table>
<thead>
<tr>
<th>Facility ID</th>
<th>Owner</th>
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<tbody>
<tr>
<td>9188</td>
<td>ROCK HILL P &amp; F</td>
</tr>
<tr>
<td>Owner Contact</td>
<td>STEVE RUZIECKI</td>
</tr>
<tr>
<td>Owner Address</td>
<td>PO BOX 10272</td>
</tr>
<tr>
<td>Owner City, St, Zip</td>
<td>ROCK HILL, SC</td>
</tr>
<tr>
<td>Owner Phone</td>
<td>803-324-6781</td>
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<tr>
<td>Contact</td>
<td>ARNOLD CASKEY</td>
</tr>
<tr>
<td>Contact Tel</td>
<td>803-324-6759</td>
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<tr>
<td>Tank ID</td>
<td>1</td>
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<tr>
<td>Capacity</td>
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</table>

TC2761720.1s  Page 11
ROCK HILL PRINTING AND FINISHING LLC (Continued)  U003524705

Product: Naphtha, Mineral Spirits..  Capacity: 12000
Calcage: Not reported  Status: Abandoned

Tank ID: 2
Capacity: 12000
Product: Naphtha, Mineral Spirits..
Calcage: Not reported
Status: Abandoned

Tank ID: 3
Capacity: 10000
Product: Naphtha, Mineral Spirits..
Calcage: Not reported
Status: Abandoned

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<tr>
<th>Target</th>
<th>Property</th>
<th>Facility name: ROCK HILL PRINTING &amp; FINISHING LLC</th>
<th>EPA ID: SCD987574613</th>
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<tbody>
<tr>
<td>A3</td>
<td>SPRINGS INDUSTRIES INC. RHP F</td>
<td>500 WHITE STREET ROCK HILL, SC 29731</td>
<td>RCRA-NonGen 1000575287</td>
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<tr>
<td>Site 3 of 7 in cluster A</td>
<td>420 W WHITE STREET</td>
<td>Facility address: ROCK HILL, SC 29731</td>
<td>FINDS SCD987574613</td>
</tr>
</tbody>
</table>

RCRA-NonGen: 03/06/2006  Actual: 656 ft.

Date form received by agency: 03/06/2006
Facility name: ROCK HILL PRINTING & FINISHING LLC
Facility address: 500 WHITE STREET ROCK HILL, SC 29731
EPA ID: SCD987574613
Mailing address: PO BOX 2452 ROCK HILL, SC 29730
Contact: WILLIAM SIMMONS
Contact address: PO BOX 2452 ROCK HILL, SC 29730
Contact country: US
Contact telephone: (704) 609-2639
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: WILLIAM A SIMMONS
Owner/operator address: PO BOX 2452 ROCK HILL, SC 29730
Owner/operator country: US
Owner/operator telephone: (704) 609-2639
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/05/2004
Owner/Op end date: Not reported
Owner/operator name: WILLIAM A SIMMONS
Owner/operator address: WHITE ST ROCK HILL, SC 29730
### SPRINGS INDUSTRIES INC. RHP F (Continued)

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<th>Owner/operator country:</th>
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<td>Owner/operator telephone:</td>
<td>(704) 609-2639</td>
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<tr>
<td>Legal status:</td>
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<td>Owner/Operator Type:</td>
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<td>Owner/Op start date:</td>
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<tr>
<td>Owner/Op end date:</td>
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**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
- Off-site waste receiver: Commercial status unknown

### Historical Generators:
- **Date form received by agency:** 11/05/2004
- **Facility name:** ROCK HILL PRINTING & FINISHING LLC
- **Classification:** Large Quantity Generator

- **Date form received by agency:** 03/25/1999
- **Facility name:** ROCK HILL PRINTING & FINISHING LLC
- **Site name:** SPRINGS INDUSTRIES INC. RHP&F
- **Classification:** Conditionally Exempt Small Quantity Generator

### Hazardous Waste Summary:
- **Waste code:** D001
- **Waste name:** IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

- **Waste code:** D002
| Waste name: | A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGRease PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE. |
| Waste code: | D007 |
| Waste name: | CHROMIUM |
| Waste code: | D008 |
| Waste name: | LEAD |
| Waste code: | D009 |
| Waste name: | MERCURY |
| Waste code: | D010 |
| Waste name: | SELENIUM |
| Waste code: | D012 |
| Waste name: | ENDRIN |
| Waste code: | D018 |
| Waste name: | BENZENE |
| Waste code: | D035 |
| Waste name: | METHYL ETHYL KETONE |
| Waste code: | D039 |
| Waste name: | TETRACHLOROETHYLENE |
| Waste code: | F001 |
| Waste name: | THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES. |
| Waste code: | F002 |
| Waste 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 LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES. |
| Waste code: | F003 |
| Waste name: | THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT
<table>
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<th>Waste code:</th>
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<td>Waste name:</td>
<td>THE FOLLOWING SPENT NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.</td>
</tr>
<tr>
<td>Waste code:</td>
<td>U122</td>
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<td>Waste name:</td>
<td>FORMALDEHYDE</td>
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<tr>
<td>Waste code:</td>
<td>U226</td>
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<td>Waste name:</td>
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<td>Regulation violated:</td>
<td>SR - 262.34 d 5 ii</td>
</tr>
<tr>
<td>Area of violation:</td>
<td>Generators - General</td>
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<tr>
<td>Date violation determined:</td>
<td>08/30/1994</td>
</tr>
<tr>
<td>Date achieved compliance:</td>
<td>11/14/1994</td>
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<tr>
<td>Violation lead agency:</td>
<td>State</td>
</tr>
<tr>
<td>Enforcement action:</td>
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<tr>
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<tr>
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<td>State</td>
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<tr>
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<td>Not reported</td>
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<tr>
<td>Paid penalty amount:</td>
<td>Not reported</td>
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</table>

| Regulation violated: | SR - 265.174 |
| Area of violation: | Generators - General |
| Date violation determined: | 08/30/1994 |
| Date achieved compliance: | 11/14/1994 |
| Violation lead agency: | State |
| Enforcement action: | Not reported |
| Enforcement action date: | 09/02/1994 |
| Enf. disposition status: | Not reported |
| Enf. disp. status date: | Not reported |
| Enforcement lead agency: | State |
| Proposed penalty amount: | Not reported |
| Final penalty amount: | Not reported |
| Paid penalty amount: | Not reported |

Facility Has Received Notices of Violations:

| Regulation violated: | SR - 262.34 d 5 ii |
| Area of violation: | Generators - General |
| Date violation determined: | 08/30/1994 |
| Date achieved compliance: | 11/14/1994 |
| Violation lead agency: | State |
| Enforcement action: | Not reported |
| Enforcement action date: | 09/02/1994 |
| Enf. disposition status: | Not reported |
| Enf. disp. status date: | Not reported |
| Enforcement lead agency: | State |
| Proposed penalty amount: | Not reported |
| Final penalty amount: | Not reported |
| Paid penalty amount: | Not reported |

Evaluation Action Summary:

| Evaluation date: | 11/14/1994 |
| Evaluation: | COMPLIANCE SCHEDULE EVALUATION |
| Area of violation: | Not reported |
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.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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.

SPRINGS INDUSTRIES INC. RHP F (Continued)

Date achieved compliance: Not reported
Evaluation lead agency: State
Evaluation date: 08/22/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/14/1994
Evaluation lead agency: State

FINDS:

Registry ID: 110000862718

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.

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

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 # 18188. RBCA Classification 2BA4. Active corrective action.

LUST:
Facility ID: 09188
Release Number: 1
Facility Status: conduct invest/risk assessment
Substance: UNKNOWN
Owner: ROCK HILL P & F
NFA Date: 07/30/96
Date Confirmed: 12/29/95
Report Date: 11/08/95
Rank: 5A

LUST DETAIL:
Release Date: 11/8/1995
Cleanup Complete Date: 6/28/1996
RP Name: SPRINGS GLOBAL US INC
RP Address: 205 N WHITE ST
RP City: FORT MILL
RP State: SC
RP Zip: 29715
SCRBCA Class Code: CLASS5A
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Project Manager: WILSON, KIMBERLY A
Release Fin Type Code: Qualifies for Fund with Deductible

UST:
Facility ID: 18188
Owner: SPRINGS GLOBAL US INC
<table>
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<tr>
<th>Tank ID</th>
<th>Capacity</th>
<th>Product</th>
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<th>Status</th>
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<tr>
<td>2</td>
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<td>Naphtha, Mineral Spirits..</td>
<td>25</td>
<td>Abandoned</td>
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<td>3</td>
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<td>25</td>
<td>Abandoned</td>
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<td>4</td>
<td>150</td>
<td>Gasoline</td>
<td>25</td>
<td>Abandoned</td>
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<tr>
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MAP FINDINGS

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<tr>
<th>Site</th>
<th>Actual: 656 ft.</th>
<th>Property</th>
<th>Target</th>
<th>Distance</th>
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<th>Site Elevation</th>
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<tr>
<td>A5</td>
<td>420 W. WHITE ST</td>
<td>ROCK HILL, SC</td>
<td>420 W. WHITE ST</td>
<td>N/A</td>
<td>ERNS 90181806</td>
<td>656 ft.</td>
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<tr>
<td>A6</td>
<td>YORK PRINTING &amp; FINISHING-CLOSED</td>
<td>ROCK HILL, SC</td>
<td>420 W WHITE ST</td>
<td>N/A</td>
<td>FINDS 1012095159</td>
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<td>A7</td>
<td>420 WEST WHITE STREET</td>
<td>ROCK HILL, SC</td>
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<td>8</td>
<td>FABRIC RESOURCES INTERNATIONAL</td>
<td>ROCK HILL, SC</td>
<td>245 STEWART AVE</td>
<td>N/A</td>
<td>RCRA-NonGen 1000358338</td>
<td>651 ft.</td>
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</table>

Site 5 of 7 in cluster A

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Site 6 of 7 in cluster A

FINDS:
Registry ID: 110038801543

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

Site 7 of 7 in cluster A

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

RCRA-NonGen:
Date form received by agency: 03/27/2002
Facility name: FABRIC RESOURCES INTL
Facility address: 245 STEWART AVE
ROCK HILL, SC 29730
EPA ID: SCD981759392
Mailing address: PO BOX 11694
ROCK HILL, SC 29732
Contact: RODNEY COLDWELL
Contact address: PO BOX 11694
FABRIC RESOURCES INTERNATIONAL  (Continued)  

<table>
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<tr>
<th>Site</th>
<th>EPA ID Number</th>
<th>Database(s)</th>
<th>Site Elevation</th>
<th>Land type</th>
<th>Classification</th>
<th>Hazardous Waste Summary:</th>
<th>Conditionally Exempt Small Quantity Generator</th>
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</thead>
</table>

**Owner/Operator Summary:**  
- **Owner/operator name:** RICHMAN STEVE  
- **Owner/operator address:** 245 STEWART AVE, ROCK HILL, SC 29732  
- **Owner/operator country:** Not reported  
- **Legal status:** Private  
- **Owner/Operator Type:** Owner  
- **Owner/Op start date:** 01/01/0001  
- **Owner/Op end date:** Not reported

**Handler Activities Summary:**  
- **U.S. importer of hazardous waste:** No  
- **Mixed waste (haz. and radioactive):** Unknown  
- **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 fuel burner:** 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  
- **Off-site waste receiver:** Verified to be non-commercial

**Historical Generators:**  
- **Facility name:** FABRIC RESOURCES INTL  
- **Classification:** Conditionally Exempt Small Quantity Generator

**Hazardous Waste Summary:**  
- **Waste code:** D001
FABRIC RESOURCES INTERNATIONAL  (Continued)

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 10/22/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

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.
MARSHALL FAMILY PARTNERSHIP (Continued)  U001540658

RP Name: MARSHALL FAMILY PARTNERSHIP
RP Address: PO BOX 10872
RP City: ROCK HILL
RP State: SC
RP Zip: 29731-0872
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Project Manager: HARVEY, TRACEE J
Release Fin Type Code: With SUPERB

UST:
Facility ID: 15804
Owner: MARSHALL FAMILY PARTNERSHIP
Owner Contact: STEVE MARSHALL
Owner Address: PO BOX 10872
Owner City,St,Zip: ROCK HILL, SC
Owner Phone: Not reported
Contact: STEVE MARSHALL
Contact Tel: Not reported
Tank ID: 1
Capacity: 4000
Product: Gasoline
Calcage: 25
Status: Abandoned

Tank ID: 2
Capacity: 4000
Product: Gasoline
Calcage: 25
Status: Abandoned

10
NATIONAL FENCE MFG CO
181 N LEE ST
ROCK HILL, SC 29730
CERC-NFRAP 1000259885
RCRA-NonGen SCD045451390
FINDS

0.080 mi. 421 ft.

CERC-NFRAP:
Site ID: 0403290
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):
Contact Title: RPM
Contact Name: Barbara Alfano
Contact Tel: (404) 562-8923
Contact Title: Not reported
Contact Name: Donna Bledsoe
Contact Tel: (404) 562-8778
Contact Title: RPM
<table>
<thead>
<tr>
<th>Contact Name</th>
<th>Contact Tel</th>
<th>Contact Title</th>
<th>CERCLIS-NFRAP Site Alias Name(s):</th>
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<tbody>
<tr>
<td>Randall Chaffins</td>
<td>(404) 562-8910</td>
<td>Not reported</td>
<td>NATIONAL FENCE MFG CO INC</td>
</tr>
<tr>
<td>Corey Diehl-Miller</td>
<td>(404) 562-8738</td>
<td>Not reported</td>
<td></td>
</tr>
<tr>
<td>Cindy Gurley</td>
<td>(404) 562-8817</td>
<td>Not reported</td>
<td>Not reported</td>
</tr>
<tr>
<td>Craig Zeller</td>
<td>(404) 562-8827</td>
<td>Not reported</td>
<td>National Fence Mfg Co Inc</td>
</tr>
<tr>
<td>Donna Webster</td>
<td>(404) 562-8870</td>
<td>Not reported</td>
<td>York, SC</td>
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<tr>
<td>Beth Walden</td>
<td>(404) 562-8814</td>
<td>Not reported</td>
<td></td>
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<tr>
<td>Paul Wagner</td>
<td>(404) 562-8792</td>
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<tr>
<td>William Joyner</td>
<td>(404) 562-8795</td>
<td>Not reported</td>
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<tr>
<td>Mike Norman</td>
<td>(404) 562-8792</td>
<td>Not reported</td>
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<tr>
<td>Paul Wagner</td>
<td>(404) 562-8792</td>
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<td>Beth Walden</td>
<td>(404) 562-8814</td>
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<td>Donna Webster</td>
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<td>Craig Zeller</td>
<td>(404) 562-8827</td>
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<tr>
<td>Craig Zeller</td>
<td>(404) 562-8827</td>
<td>Not reported</td>
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</table>
NATIONAL FENCE MFG CO (Continued) 1000259885

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 06/01/1981  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: Not reported  
Date Completed: 01/01/1985  
Priority Level: Low priority for further assessment

Action: PRELIMINARY ASSESSMENT  
Date Started: 06/30/1988  
Date Completed: 07/15/1988  
Priority Level: Low priority for further assessment

Action: ARCHIVE SITE  
Date Started: Not reported  
Date Completed: 11/22/1991  
Priority Level: Not reported

Action: SITE INSPECTION  
Date Started: Not reported  
Date Completed: 11/22/1991  
Priority Level: NFRAP: No further Remedial Action planned

RCRA-NonGen:
Date form received by agency: 11/02/1998  
Facility name: NATIONAL FENCE MFG CO  
Facility address: 181 N LEE ST  
ROCK HILL, SC 29730  
EPA ID: SCD045451390  
Mailing address: PO BOX 3187 CRS  
ROCK HILL, SC 29730  
Contact: STEVEN GRONDALSKI  
Contact address: PO BOX 3187 CRS  
ROCK HILL, SC 29730  
Contact country: US  
Contact telephone: (301) 779-8300  
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  
ROCK HILL, SC 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
NATIONAL FENCE MFG CO (Continued)

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): Unknown
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
Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:
Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: K062
Waste name: SPENT PICKLE LIQUOR GENERATED BY STEEL FINISHING OPERATIONS OF FACILITIES WITHIN THE IRON AND STEEL INDUSTRY (SIC CODES 331 AND 332).

Violation Status: No violations found

FINDS:
Registry ID: 110002189382

Environmental Interest/Information System
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RCRAInfo is a national information system that supports the Resource
NATIONAL FENCE MFG CO (Continued)

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.

11 SE
CITY BODY SHOP OF ROCK HILL INC
251 N WILSON ST
ROCK HILL, SC 29730

RCRA-NonGen: 1001493867
FINDS: SCR000074740

Date form received by agency: 09/30/2008
Facility name: CITY BODY SHOP OF ROCK HILL INC
Facility address: 251 N WILSON ST
ROCK HILL, SC 29730
EPA ID: SCR000074740
Mailing address: S OAKLAND AVE
ROCK HILL, SC 29730
Contact: ED DOWDLE
Contact address: S OAKLAND AVE
ROCK HILL, SC 29730
Contact country: US
Contact telephone: (803) 325-7735
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: ED DOWDLE
Owner/operator address: 251 N WILSON ST
ROCK HILL, SC 29730
Owner/operator country: US
Owner/operator telephone: (803) 325-7735
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/30/2007
Owner/Op end date: Not reported

Owner/operator name: ED DOWDLE
Owner/operator address: 251 N WILSON ST
ROCK HILL, SC 29730
Owner/operator country: Not reported
Owner/operator telephone: (803) 325-7735
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
CITY BODY SHOP OF ROCK HILL INC (Continued)

Hazardous Waste Summary:

- **Waste code:** D001
  - **Waste name:** IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

- **Waste code:** D035
  - **Waste name:** METHYL ETHYL KETONE

- **Waste code:** F003
  - **Waste name:** THE FOLLOWING SPENT NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED 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 NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
CITY BODY SHOP OF ROCK HILL INC (Continued)

Violation Status: No violations found

FINDS:

Registry ID: 110002184494

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, 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.

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<td>174 W WHITE ST</td>
<td>LUST</td>
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<td>1/8-1/4</td>
<td>ROCK HILL, SC 29730</td>
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<td>ORPHAN MARSHALL OIL CO</td>
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<tr>
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<td>Date Confirmed: 10/05/92</td>
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<td>SC-EFIS (South Carolina - Environmental Facility Information System)</td>
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<td>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.</td>
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<td>LUST DETAIL:</td>
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<td>Cleanup Complete Date: 5/14/2001</td>
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<td>RP Name: ORPHAN MARSHALL OIL CO</td>
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### WYLIES TEXACO (Continued)

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<tr>
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<td>ORPHAN MARSHALL OIL CO</td>
<td>H MARSHALL</td>
<td>829 MYRTLE DR</td>
<td>803-328-2615</td>
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<td>803-328-2719</td>
</tr>
</tbody>
</table>

**UST: U003526815**

**Site 2 of 2 in cluster B**

<table>
<thead>
<tr>
<th>UST</th>
<th>Facility ID:</th>
<th>Owner:</th>
<th>Owner Contact:</th>
<th>Owner Address:</th>
<th>Owner Phone:</th>
<th>Contact:</th>
<th>Contact Tel:</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**Relative:**
- Higher
**Actual:**
- 663 ft.

---

### Site 2 of 2 in cluster B

<table>
<thead>
<tr>
<th>Status:</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Abandoned</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tank ID:</th>
<th>Capacity:</th>
<th>Product:</th>
<th>Calcage:</th>
<th>Status:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4000</td>
<td>Gasoline</td>
<td>25</td>
<td>Abandoned</td>
</tr>
<tr>
<td>2</td>
<td>4000</td>
<td>Gasoline</td>
<td>25</td>
<td>Abandoned</td>
</tr>
<tr>
<td>3</td>
<td>4000</td>
<td>Gasoline</td>
<td>25</td>
<td>Abandoned</td>
</tr>
<tr>
<td>4</td>
<td>4000</td>
<td>Waste Oil</td>
<td>25</td>
<td>Abandoned</td>
</tr>
<tr>
<td>Map ID</td>
<td>Direction</td>
<td>Distance</td>
<td>Elevation</td>
<td>Site</td>
</tr>
<tr>
<td>--------</td>
<td>------------</td>
<td>----------</td>
<td>-----------</td>
<td>------</td>
</tr>
<tr>
<td></td>
<td>West</td>
<td>0.194 mi.</td>
<td>1024 ft.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>West</td>
<td>0.197 mi.</td>
<td>1042 ft.</td>
<td></td>
</tr>
</tbody>
</table>

**14**

**ROCK HILL GAS CO**

**N LEE STREET**

**ROCK HILL, SC 29730**

Manufactured Gas Plants 1008408831 N/A

Relative: Lower

**Actual:** 621 ft.

C15

SW

1/8-1/4

0.197 mi.

1042 ft.

Site 1 of 2 in cluster C

**ROSANNE MOORE BARNES PROPERTY**

**323 W MAIN ST**

**ROCK HILL, SC**

UST U003524738 N/A

Relative: Higher

**Actual:** 668 ft.

**UST:**

- Facility ID: 9402
- Owner: JETERBARNES
- Owner Contact: BILLY BISHOP
- Owner Address: 313 BAILEY AVE
- Owner City,St,Zip: ROCK HILL, SC
- Owner Phone: 803-366-5406
- Contact: BILLY BISHOP
- Contact Tel: Not reported

- Tank ID: 1
- Capacity: 2000
- Product: Gasoline
- Calcage: 25
- Status: Abandoned

**110017295988**

**FINDS:**

**01/06/99**

**NFA Date:**

**1007256664**

**LUST:**

**Facility ID:** 09402

**Release Number:** 1

**Facility Status:** conduct invest/risk assessment

**Substance:** PETRO

**Owner:** ROSANNE JETERBARNES

**FINDS:**

**100017295988**

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.

**LUST:**

**Facility ID:** 09402

**Release Number:** 1

**Facility Status:** conduct invest/risk assessment

**Substance:** PETRO

**Owner:** ROSANNE JETERBARNES

**NFA Date:** 01/06/99
**ROSANNE MOORE BARNES PROPERTY** (Continued)

<table>
<thead>
<tr>
<th>Date Confirmed:</th>
<th>02/08/94</th>
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</thead>
<tbody>
<tr>
<td>Report Date:</td>
<td>06/30/93</td>
</tr>
<tr>
<td>Rank:</td>
<td>5B</td>
</tr>
</tbody>
</table>

**LUST DETAIL:**
- **Release Date:** 6/30/1993
- **Cleanup Complete Date:** 1/6/1999
- **RP Name:** JETERBARNES
- **RP Address:** 313 BAILEY AVE
- **RP City:** ROCK HILL
- **RP State:** SC
- **RP Zip:** 29732-1067
- **SCRBCA Class Code:** CLASS5B
- **Depth to Ground Water:** Not reported
- **Ground Water Flow Direction:** Not reported
- **Project Manager:** MCINNIS, W SCOTT
- **Release Fin Type Code:** DHEC SUPERB with State Lead

**17**
**MARSHALL TIRE SERVICE INC**

<table>
<thead>
<tr>
<th>Relative:</th>
<th>Higher</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actual:</td>
<td>657 ft.</td>
</tr>
</tbody>
</table>

**SC GWIC:**
- **Bureau:** BLWM
- **EAP ID:** Not reported
- **Solid Waste Permit #:** Not reported
- **Bureau of Land & Waste Management File #:** Not reported
- **Permit Number:** 15805
- **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

**EDR ID Number:** 1007256664

**Map ID:**
- **Direction:**
- **Distance:**
- **Elevation:**
- **Site:**
- **Database(s):**
- **EPA ID Number:**
- **Bureau of Land & Waste Management File #:**
- **Solid Waste Permit #:**
- **WPC Permit:**
- **Permit Number:**
- **Bureau:**
- **GWCI:**
- **LUST:**
- **UST:**
- **ROCK HILL, SC**

**TC2761720.1s Page 31**
### MARSHALL TIRE SERVICE INC (Continued)

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Remediation</td>
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</tr>
<tr>
<td>Surface Impact</td>
<td>No</td>
</tr>
<tr>
<td>Drinking Water Well Impact</td>
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</tr>
<tr>
<td>Remarks</td>
<td>Site ID # 15805. RBCA Classification 4BC3. Monitored Natural Attenuation.</td>
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<tr>
<td><strong>LUST:</strong></td>
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</tr>
<tr>
<td>Facility ID</td>
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</tr>
<tr>
<td>Release Number</td>
<td>1</td>
</tr>
<tr>
<td>Facility Status</td>
<td>monitored natural attenuation</td>
</tr>
<tr>
<td>Substance</td>
<td>PETRO</td>
</tr>
<tr>
<td>Owner</td>
<td>MARSHALL TIRE SERVICE INC</td>
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<tr>
<td>NFA Date</td>
<td>06/14/07</td>
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<tr>
<td>Date Confirmed</td>
<td>07/26/93</td>
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<tr>
<td>Report Date</td>
<td>06/29/93</td>
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<td>Rank</td>
<td>4BC</td>
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<tr>
<td><strong>LUST DETAIL:</strong></td>
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<tr>
<td>Release Date</td>
<td>6/29/1993</td>
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<tr>
<td>Cleanup Complete Date</td>
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<tr>
<td>RP Name</td>
<td>MARSHALL TIRE SERVICE INC</td>
</tr>
<tr>
<td>RP Address</td>
<td>202 W MAIN ST</td>
</tr>
<tr>
<td>RP City</td>
<td>ROCK HILL</td>
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<tr>
<td>RP State</td>
<td>SC</td>
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<tr>
<td>RP Zip</td>
<td>29730-3911</td>
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<td>SCRBCA Class Code</td>
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<td>Ground Water Flow Direction</td>
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<td>Project Manager</td>
<td>THOMA, DEBRA L</td>
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<tr>
<td>Release Fin Type Code</td>
<td>With SUPERB</td>
</tr>
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<td><strong>UST:</strong></td>
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<tr>
<td>Facility ID</td>
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<tr>
<td>Owner</td>
<td>MARSHALL TIRE SERVICE INC</td>
</tr>
<tr>
<td>Owner Contact</td>
<td>STEVE MARSHALL</td>
</tr>
<tr>
<td>Owner Address</td>
<td>202 W MAIN ST</td>
</tr>
<tr>
<td>Owner City,St,Zip</td>
<td>ROCK HILL, SC</td>
</tr>
<tr>
<td>Owner Phone</td>
<td>Not reported</td>
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<tr>
<td>Contact</td>
<td>STEVE MARSHALL</td>
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<td>Contact Tel</td>
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</tr>
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<tr>
<td>Capacity</td>
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<tr>
<td>Product</td>
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<td>Calcage</td>
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<td>Capacity</td>
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<tr>
<td>Product</td>
<td>Gasoline</td>
</tr>
<tr>
<td>Calcage</td>
<td>25</td>
</tr>
<tr>
<td>Status</td>
<td>Abandoned</td>
</tr>
</tbody>
</table>

Tank ID: 3
MARSHALL TIRE SERVICE INC (Continued)  U003629994

Capacity: 4000
Product: Gasoline
Calcage: 25
Status: Abandoned

Tank ID: 4
Capacity: 4000
Product: Kerosene
Calcage: 25
Status: Abandoned

18 SW ROCK HILL BODY COMPANY (FORMER) U003629994
1/8-1/4 615 W MAIN ST SHWS S106880515
0.241 mi. ROCK HILL, SC 29730 N/A
1275 ft. Relative: SHWS: SCS123457006
Actual: 616 ft.

D19 NW OPERATIONS CENTER U004017297
1/8-1/4 349 COLUMBIA AVE UST S106665937
0.247 mi. ROCK HILL, SC 29730 N/A
1302 ft. Site 1 of 2 in cluster D
Relative: LUST: N/A
Higher Facility ID: 12210
Release Number: 1
Actual: Facility Status: Not reported
658 ft. Substance: PETRO
Actual: Owner: ROCK HILL CITY OF
658 ft. NFA Date: 01/13/95
Report Date: 01/11/95
Rank: Not reported

D20 NW OPERATIONS CENTER U004017297
1/8-1/4 349 COLUMBIA AVE UST S106665937
0.247 mi. ROCK HILL, SC N/A
1302 ft. Site 2 of 2 in cluster D
Relative: UST: N/A
Higher Facility ID: 12210
Actual: Owner: ROCK HILL CITY OF
658 ft. Owner Contact: MARGARET WALKER
Actual: Owner Address: 310 RED RIVER RD
Owner City, St, Zip: ROCK HILL, SC 29730
Owner Phone: 803-329-5518
Contact: MARGARET WALKER
Contact Tel: 803-329-5551
Tank ID: 1
## OPERATIONS CENTER (Continued)

<table>
<thead>
<tr>
<th>Tank ID</th>
<th>Capacity</th>
<th>Product</th>
<th>Calcage</th>
<th>Status</th>
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<tbody>
<tr>
<td>2</td>
<td>12000</td>
<td>RUL</td>
<td>5</td>
<td>Currently in use</td>
</tr>
<tr>
<td>4</td>
<td>550</td>
<td>Motor Oil</td>
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</tr>
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</tr>
<tr>
<td>6</td>
<td>12000</td>
<td>PREM</td>
<td>0</td>
<td>Currently in use</td>
</tr>
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</table>

---

**21**

**WINTHROP UNIVERSITY ROCK HILL**

**NE**

701 OAKLAND AVE

ROCK HILL, SC 29733

**RCRA-SQG**

1000409939

**FINDS**

SCD981471881

**LUST**

Date form received by agency: 02/01/2005

Facility name: WINTHROP UNIVERSITY

Facility address: 701 OAKLAND AVE

ROCK HILL, SC 29733

EPA ID: SCD981471881

Mailing address: OAKLAND AVE

ROCK HILL, SC 29733

Contact: MITZI STEWART

Contact address: 701 OAKLAND AVE

ROCK HILL, SC 29733

Contact country: US

Contact telephone: (803) 323-2328

Contact email: Not reported

EPA Region: 04

Land type: Private

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of...
<table>
<thead>
<tr>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
<th>EDR ID Number</th>
<th>Distance</th>
<th>Elevation</th>
<th>Direction</th>
<th>Map ID</th>
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### WINTHROP UNIVERSITY ROCK HILL (Continued)

<table>
<thead>
<tr>
<th>Facility name:</th>
<th>WINTHROP UNIVERSITY ROCK HILL</th>
</tr>
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<tbody>
<tr>
<td>Date form received by agency:</td>
<td>01/27/2005</td>
</tr>
<tr>
<td>Handler Activities Summary:</td>
<td>hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time</td>
</tr>
<tr>
<td>Owner/Operator Summary:</td>
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</tr>
<tr>
<td>Owner/operator name:</td>
<td>STATE OF SC</td>
</tr>
<tr>
<td>Owner/operator address:</td>
<td>701 OAKLAND AVE ROCK HILL, SC 29733</td>
</tr>
<tr>
<td>Owner/operator country:</td>
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<tr>
<td>Owner/operator telephone:</td>
<td>(803) 366-0815</td>
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<tr>
<td>Legal status:</td>
<td>Private</td>
</tr>
<tr>
<td>Owner/Operator Type:</td>
<td>Owner</td>
</tr>
<tr>
<td>Owner/Op start date:</td>
<td>01/01/0001</td>
</tr>
<tr>
<td>Owner/Op end date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner/operator name:</td>
<td>OPERNAME</td>
</tr>
<tr>
<td>Owner/operator address:</td>
<td>OPERSTREET OPERCITY, WY 99999</td>
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<td>Owner/operator telephone:</td>
<td>(404) 555-1212</td>
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<tr>
<td>Legal status:</td>
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<td>Owner/Operator Type:</td>
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<tr>
<td>Owner/Op start date:</td>
<td>01/01/0001</td>
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<td>Owner/Op end date:</td>
<td>Not reported</td>
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<tr>
<td>Owner/operator name:</td>
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</tr>
<tr>
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</tr>
<tr>
<td>Owner/operator country:</td>
<td>US</td>
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<tr>
<td>Owner/operator telephone:</td>
<td>(999) 999-9999</td>
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<tr>
<td>Legal status:</td>
<td>Private</td>
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<tr>
<td>Owner/Operator Type:</td>
<td>Operator</td>
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<td>Owner/Op start date:</td>
<td>01/31/2003</td>
</tr>
<tr>
<td>Owner/Op end date:</td>
<td>Not reported</td>
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</tbody>
</table>

Historical Generators:

| Date form received by agency: | 01/27/2005 |
| Facility name: | WINTHROP UNIVERSITY |
Hazardous Waste Summary:

- **D001**
  - Waste code: D001
  - Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

- **D002**
  - Waste code: D002
  - Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

- **D003**
  - Waste code: D003
  - Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BE WASTE GUNPOWDER.

- **D004**
  - Waste code: D004
  - Waste name: ARSENIC

- **D005**
  - Waste code: D005
  - Waste name: BARIUM

- **D006**
  - Waste code: D006
  - Waste name: CADMIUM

- **D007**
  - Waste code: D007
  - Waste name: CHROMIUM

- **D008**
  - Waste code: D008
WINTHROP UNIVERSITY ROCK HILL (Continued)  1000409939

Waste name: LEAD
Waste code: D009
Waste name: MERCURY
Waste code: D010
Waste name: SELENIUM
Waste code: D011
Waste name: SILVER
Waste code: D022
Waste name: CHLOROFORM
Waste code: D040
Waste name: TRICHLOROETHYLENE
Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDs CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED 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: U034
Waste name: ACETALDEHYDE, TRICHLORO-
Waste code: U061
Waste name: BENZENE, 1,1’-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO-
Waste code: U075
Waste name: DICHLORODIFLUOROMETHANE
Waste code: U188
Waste name: PHENOL

Facility Has Received Notices of Violations:
Regulation violated: SR - 262.11
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 02/17/2004
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.173(c)&(d)/262.34(a)(2)
WINTHROP UNIVERSITY ROCK HILL (Continued)

Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 12/09/2004
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 12/09/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 20000
Paid penalty amount: 20000

Regulation violated: SR - 262.11
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 12/09/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/04/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 273.13(a)(1)
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 12/09/2004
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 12/09/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 273.14(e)
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 12/09/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/04/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 273.14(e)
Area of violation: Generators - General
### WINTHROP UNIVERSITY ROCK HILL (Continued)

<table>
<thead>
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WINTHROP UNIVERSITY ROCK HILL (Continued)

Date achieved compliance: 02/17/2004
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(c)
Area of violation: Generators - Pre-transport
Date violation determined: 02/17/2004
Date achieved compliance: 02/17/2004

Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(d)(5)(iii)
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 12/09/2004
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 08/26/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(d)(5)(iii)
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 12/09/2004
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 12/09/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 20000
Paid penalty amount: 20000

Regulation violated: SR - 279.22(b)(1)&(2)
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 12/09/2004
WINTHROP UNIVERSITY ROCK HILL (Continued)

Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 12/09/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 20000
Paid penalty amount: 20000

Regulation violated: SR - 262.34(c)(1)(ii)
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 12/09/2004

Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.173(c)&(d)
Area of violation: Generators - Pre-transport
Date violation determined: 02/17/2004
Date achieved compliance: 02/17/2004

Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
Enf. disposition status: Not reported
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Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(c)
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 12/09/2004
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WINTHROP UNIVERSITY ROCK HILL  (Continued)

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(d)(5)(iii)
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 02/17/2004
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.41
Area of violation: Generators - Records/Reporting
Date violation determined: 02/17/2004
Date achieved compliance: 02/17/2004
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
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Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(d)(5)(iii)
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 12/09/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/04/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(a)(2)/265.34(d)(4)
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 12/09/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/04/2004
Enf. disposition status: Not reported
### WINTHROP UNIVERSITY ROCK HILL (Continued)

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**Regulation violated:** SR - 279.22(b)(1)&(2)

**Area of violation:** Generators - General

**Date violation determined:** 02/17/2004

**Date achieved compliance:** 12/09/2004

**Enforcement action date:** 08/26/2004

**Enf. disposition status:** Not reported

**Enf. disp. status date:** Not reported

**Enforcement lead agency:** State

**Final penalty amount:** 20000

**Paid penalty amount:** 20000

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**Regulation violated:** SR - 265.173(a)

**Area of violation:** Generators - General

**Date violation determined:** 02/17/2004

**Date achieved compliance:** 12/09/2004

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**Regulation violated:** SR - 262.34(c)(1)(ii)

**Area of violation:** Generators - General

**Date violation determined:** 02/17/2004

**Date achieved compliance:** 12/09/2004

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**Regulation violated:** SR - 273.14(e)

**Area of violation:** Generators - General

**Date violation determined:** 02/17/2004

**Date achieved compliance:** 02/17/2004

**Enforcement action:** EPA TO STATE ADMINISTRATIVE REFERRAL

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WINTHROP UNIVERSITY ROCK HILL (Continued)

EPA Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.31
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 02/17/2004

EPA Enforcement lead agency: WP TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

EPA Enforcement lead agency: WP TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
Enf. disposition status: Not reported
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EPA Enforcement lead agency: WP TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

EPA Enforcement lead agency: WP TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

EPA Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.173(a)
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 02/17/2004

EPA Enforcement lead agency: WP TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

EPA Enforcement lead agency: WP TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

EPA Enforcement lead agency: WP TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

EPA Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 279.22(b)(1)&(2)
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 02/17/2004

EPA Enforcement lead agency: WP TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

EPA Enforcement lead agency: WP TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
Enf. disposition status: Not reported
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EPA Enforcement lead agency: WP TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

EPA Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 279.22(b) & (c)
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 02/17/2004

EPA Enforcement lead agency: WP TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 02/17/2004
Enf. disposition status: Not reported
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Enf. disposition status: Not reported
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EPA Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
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<td>State</td>
<td>FINAL 3008(A) COMPLIANCE ORDER</td>
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<td>SR - 262.34(c)</td>
<td>Generators - General</td>
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WINTHROP UNIVERSITY ROCK HILL (Continued)

Final penalty amount: 20000
Paid penalty amount: 20000
Regulation violated: SR - 262.11
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 12/09/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/04/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Regulation violated: SR - 262.11
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 12/09/2004
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 12/09/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 20000
Paid penalty amount: 20000

Regulation violated: SR - 279.22(c)(1)
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 12/09/2004
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 12/09/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 20000
Paid penalty amount: 20000

Regulation violated: SR - 273.13(a)(1)
Area of violation: Generators - General
Date violation determined: 02/17/2004
Date achieved compliance: 12/09/2004
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 08/26/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
### WINTHROP UNIVERSITY ROCK HILL (Continued)

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WINTHROP UNIVERSITY ROCK HILL (Continued)

Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions
Evaluation date: 02/17/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 02/17/2004
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 09/16/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110002239890

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.

LUST:
Facility ID: 11629
Release Number: 1
Facility Status: awaiting funding
Substance: PETRO
Owner: WINTHROP UNIVERSITY
NFA Date: 10/04/00
Date Confirmed: 03/23/92
Report Date: 12/19/91
Rank: 4BC

LUST DETAIL:
Release Date: 12/19/1991
Cleanup Complete Date: 10/4/2000
RP Name: WINTHROP UNIVERSITY
RP Address: 701 OAKLAND AVE
RP City: ROCK HILL
RP State: SC
RP Zip: 29733
SCRB Class Code: CLASS4BC
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Project Manager: MINER, READ S
WINTHROP UNIVERSITY ROCK HILL (Continued)

Release Fin Type Code: DHEC SUPERB with State Lead

---

22
SSW
1/4-1/2
0.278 mi.
1469 ft.

Relative: Lower
Actual: 652 ft.

FINDS:

- Registry ID: 110017194604

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.

LUST:

- Facility ID: 09270
- Release Number: 1
- Facility Status: Not reported
- Substance: PETRO
- Owner: USPS YORK
- NFA Date: 08/03/95
- Date Confirmed: 08/02/95
- Report Date: 07/25/95
- Rank: Not reported

---

23
SE
1/4-1/2
0.298 mi.
1575 ft.

Relative: Higher
Actual: 658 ft.

FINDS:

- EPA ID: SCS123457022

---

E24
SSE
1/4-1/2
0.316 mi.
1667 ft.

Site 1 of 2 in cluster E

Relative: Higher
Actual: 657 ft.

---

SHWS
S107520941
N/A

GWCI
U004107262
N/A
**TOWN CENTER MALL (Continued)**

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<td>Spills &amp; Leaks:</td>
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<td>Landfills:</td>
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<tr>
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<td>Not reported</td>
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<td>Owner Address:</td>
<td>PO BOX 2207</td>
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<tr>
<td>Owner City,St,Zip:</td>
<td>ROCK HILL, SC 29730</td>
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<td>Owner Phone:</td>
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E25  TOWN CENTER MALL  
N DAVE LYLE BLVD / E MAIN ST  
ROCK HILL, SC  29730
0.316 mi.  
1667 ft.  
Site 2 of 2 in cluster E

Relative:  
Higher

Actual:  
657 ft.

LUST:
Facility ID: 19296
Release Number: 1
Release Fin Type Code: Qualifies for Fund with Deductible

Facility Status: conduct invest/risk assessment
Substance: PETROL
Owner: ROCK HILL CITY OF

NFA Date: Not reported
Date Confirmed: Not reported
Report Date: 08/17/06
Rank: 3BF

LUST DETAIL:
Release Date: 8/17/2006
Cleanup Complete Date: Not reported
RP Name: ROCK HILL CITY OF
RP Address: PO BOX 2207
RP City: ROCK HILL
RP State: SC
RP Zip: 29730
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 8.7699999999999996
Ground Water Flow Direction: W
Project Manager: MCCORMICK, ANDREW T

F26  FORMER OAKLAND AVE STATION  
104 OAKLAND AVE  
ROCK HILL, SC  29730
0.320 mi.  
1689 ft.  
Site 1 of 4 in cluster F

Relative:  
Higher

Actual:  
665 ft.

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported

Permit Number: 19192
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
FORMER OAKLAND AVE STATION (Continued)  U004051625

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

ALL SITES:
Brownfield: Yes
Brownfield Type: - -
DHEC EQC Region: 03
Funds Used: - -
Resp Action: - -
Lat: Not reported
Long: Not reported
Impacted Media: G/W CONTAM: MW-10 WORST CASE 6MTBE 1BENZENE 2TOLUENE 3ETHYLBE 4XYLENE 5NAPTHA EDB LEAD

UST:
Facility ID: 19192
Owner: WHITE
Owner Contact: Not reported
Owner Address: 2152 MEADOW LN
Owner City,St,Zip: ROCK HILL, SC 29730
Owner Phone: 803-327-4652
Contact: Not reported
Contact Tel: Not reported
Tank ID: 1
Capacity: 5000
Product: Gasoline
Calcage: 35
Status: Pre 1974

Tank ID: 2
Capacity: 5000
Product: Gasoline
Calcage: 35
Status: Pre 1974
F27

FORMER OAKLAND AVE STATION

104 OAKLAND AVE

ROCK HILL, SC 29730

LUST

Site 2 of 4 in cluster F

Relative: Higher
Actual: 66 ft.

Facility ID: 19192
Release Number: 1
Release Fin Type Code: SUPERB

Owner: MIRIAM WHITE

Date Confirmed: Not reported
Report Date: 03/08/06
Rank: 3BD

Project Manager: THOMA, DEBRA L
Cleanup Complete Date: 3/8/2006

LUST DETAIL:
Release Date: 3/8/2006
Cleanup Complete Date: Not reported
RP Name: WHITE
RP Address: 2152 MEADOW LN
RP City: ROCK HILL
RP State: SC
RP Zip: 29730
SCRBCA Class Code: CLASS3BD
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported

Substance: PETROL

NFA Date: Not reported

F28

FORMER OAKLAND AVENUE STATION

104 OAKLAND AVENUE

ROCK HILL, SC

US BROWNFIELDS

Site 3 of 4 in cluster F

Relative: Higher
Actual: 665 ft.

Recipient name: SC Dept or Health & Env. Control
Project name: South Carolina DHEC (ST03)

Property name: Former Oakland Avenue Station
Parcel #: 6272103001; 3272103016; 6272103018
Parcel size: 0.55
Latitude: 34.93108
Longitude: -81.02299
Region: 4

Tenant name: Miriam B. White
Recipient: US BROWNFIELDS

HCM label: Address Matching-House Number
Map scale: Not reported
Point of reference: Other Point
Datum: World Geodetic System of 1984
ICREQ date: Not reported
ACRES property ID: 31241
Start date: 4/5/2006
Completed date: 4/5/2006

Accomplishment type: Phase II Environmental Assessment
Accomplishment (acres): Not reported
Ownership entity: Private
Current use: Not reported
Current owner: Miriam B. White
FORMER OAKLAND AVENUE STATION (Continued)  1009806894

Future use: Not reported
Past use flag: Not reported
Future use flag: Not reported
Cleanup required: Unknown
Proprietary controls: Not reported
Gov. control: Not reported
Enforcement permit tools: Not reported
Info. devices: Not reported
Video available: No
Photo available: Yes
Usage type: Not reported
Not in state/tribal program: Not reported
IC data address: Not reported
IC in place date: Not reported
IC in place flag: Unknown
IC required flag: Not reported
NFA issue date: Not reported
State and tribal program date: Not reported
State and tribal program ID: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Not reported
Asbestos cleaned: Not reported
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Yes
Groundwater cleaned: Not reported
Lead contaminant found: Not reported
Lead cleaned up: Not reported
None found: Not reported
None cleaned up: Not reported
No media found: Not reported
No media cleaned up: Not reported
Other found: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Not reported
PCBs cleaned up: Not reported
Petro products found: Yes
Petro products cleaned: Not reported
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Yes
Soil cleaned up: Not reported
Surface water affected: Not reported
Surface water cleaned: Not reported
Unknown found: Not reported
Unknown cleaned: Not reported
Unknown media: Not reported
Unknown media cleaned: Not reported
VOCs found: Not reported
VOCs cleaned: Not reported
FORMER OAKLAND AVENUE STATION  (Continued)  1009806894

Property Description: service station and garage. Former furniture store.

<table>
<thead>
<tr>
<th>Relative: Higher</th>
<th>Facility ID: 18824</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actual: 662 ft.</td>
<td>Release Number: 1</td>
</tr>
</tbody>
</table>

LUST:
- Facility Status: Not reported
- Substance: PETROL
- Owner: FRED LONDON
- NFA Date: 06/24/02
- Date Confirmed: 06/24/02
- Report Date: 05/03/02
- Rank: Not reported

UST:
- Facility ID: 18824
- Owner: LONDON
- Owner Contact: Not reported
- Owner Address: 1577 EBENEZER AVE
- Owner City, St, Zip: ROCK HILL, SC 29732
- Owner Phone: 803-327-3884
- Contact: Not reported
- Contact Tel: Not reported

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<tr>
<td>Status: Abandoned</td>
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G30  CHARLOTTE AVENUE PROPERTY  LUST  S108891919
ESE  104 S CHARLOTTE AVE  N/A
1/4-1/2  ROCK HILL, SC  29730
0.376 mi.  1985 ft.  Site 1 of 2 in cluster G
Relative: Lower
Actual: 654 ft.
LUST:
Facility ID: 19239
Release Number: 1
Facility Status: conduct invest/risk assessment
Substance: PETROL
Owner: RICHARD TOUCHBERRY
NFA Date: Not reported
Date Confirmed: Not reported
Cleanup Complete Date: Not reported
Report Date: 05/08/06
Rank: 5B
LUST DETAIL:
Release Date: 5/8/2006
Cleanup Complete Date: Not reported
RP Name: TOUCHBERRY
RP Address: 2862 FARM LAKE LN
RP City: FORT MILL
RP State: SC
RP Zip: 29715
SCRBCA Class Code: CLASS5B
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Project Manager: MCCORMICK, ANDREW T
Release Fin Type Code: ENQ

G31  CHARLOTTE AVENUE PROPERTY  GWCI  U004110950
ESE  104 S CHARLOTTE AVE  UST  N/A
1/4-1/2  ROCK HILL, SC  29730
0.376 mi.  1985 ft.  Site 2 of 2 in cluster G
Relative: Lower
Actual: 654 ft.
SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Program:
Permit Number: 19239
WPC Permit: Not reported
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
CHARLOTTE AVENUE PROPERTY (Continued)  

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<th>Spills &amp; Leaks:</th>
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<td>Spray Irrigation:</td>
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<td>Single-Event Spill:</td>
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<td>Unpermitted Disposal:</td>
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<td>Septic Tank/Tile Field:</td>
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<td>Substances Not In Other Categories:</td>
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<td>Sources of Contamination Undetermined:</td>
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<td>Assessment:</td>
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<td>Remediation:</td>
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<td>Drinking Water Well Impact:</td>
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**UST:**

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<td>Owner City,St,Zip:</td>
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<td>Contact:</td>
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<tr>
<td>Calcage:</td>
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<tr>
<td>Status:</td>
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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.

LUST:
- Facility ID: 09285
- Release Number: 1
- Facility Status: conduct invest/risk assessment
- Substance: PETRO
- Owner: WADE WILLIAMS GULF
- **NFA Date:** Not reported
- **Date Confirmed:** Not reported
- **Report Date:** 11/01/90
- **Rank:** 2BA
- **Release Date:** 11/1/1990
- **Cleanup Complete Date:** Not reported
- **RP Name:** WILLIAMS
- **RP Address:** 632 SEDGEWOOD
- **RP City:** ROCK HILL
- **RP State:** SC
- **RP Zip:** 29732
- **SCRBCA Class Code:** CLASS2BA
- **Depth to Ground Water:** 9,589,999,999,999,999
- **Ground Water Flow Direction:** S
- **Project Manager:** MCCORMICK, ANDREW T
- **Release Fin Type Code:** With SUPERB

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**FINDS:**

**H32**
- Location: 2007 ft. Site 1 of 2 in cluster H
  - 1/4-1/2 ROCK HILL, SC 29730
  - Relative: 670 ft. Higher
  - Actual: 670 ft.

**Site Details:**
- Registry ID: 110017140789
- **EDR: FINDS**
- **LUST: 1007242360**
- **EPA ID Number:** N/A
- **Database(s):** Site 1 of 2 in cluster H

**GWC:**
- **Program:** Not reported
- **BLWM:**
- **EAP ID:** Not reported
- **Solid Waste Permit #:** Not reported
- **Bureau of Land & Waste Management File #:** Not reported
- **WPC Permit:** Not reported
- **Program:** DUST

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**H33**
- Location: 2007 ft. Site 2 of 2 in cluster H
  - 1/4-1/2 ROCK HILL, SC
  - Relative: 670 ft. Higher
  - Actual: 670 ft.

**Site Details:**
- Registry ID: 110017140789
- **EDR: FINDS**
- **LUST: 1007242360**
- **EPA ID Number:** N/A
- **Database(s):** Site 2 of 2 in cluster H
WADE WILLIAMS GULF (Continued)  

Contamination: PETRO  
Petroleum Products: True  
Volatile Organic Compounds: False  
Metals: False  
Nitrate 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 # 09285. RBCA Classification 3BC5. Inactive.

UST:  
Facility ID: 9285  
Owner: WADE WILLIAMS GULF  
Owner Contact: WADE WILLIAMS  
Owner Address: 122 S OAKLAND AVE  
Owner City,St,Zip: ROCK HILL, SC  
Owner Phone: Not reported  
Contact: WADE WILLIAMS  
Contact Tel: Not reported  

Tank ID: 1  
Capacity: 7500  
Product: Diesel  
Calcage: 25  
Status: Abandoned

Tank ID: 2  
Capacity: 7500  
Product: Diesel  
Calcage: 25  
Status: Abandoned

Tank ID: 3  
Capacity: 2000  
Product: Diesel
### WADE WILLIAMS GULF (Continued)

<table>
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<tr>
<th>Status</th>
<th>Capacity</th>
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<th>Calcage</th>
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<tbody>
<tr>
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<tr>
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<td>550</td>
<td>Waste Oil</td>
<td>25</td>
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</table>

#### 34
**SW**
227 W MOORE ST
ROCK HILL, SC 29730

**Relative:** Lower
**Actual:** 628 ft.

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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.

---

**LUST:**
- Facility ID: 09177
- Release Number: 1
- Facility Status: Not reported
- Substance: PETRO
- Owner: CATAWBA TRUCKING & TRANSP DIV

---

**FINDS:**
- Registry ID: 110017194944

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**LUST:**
- Facility ID: 1007247585
- Release Number: N/A
- Facility Status: Not reported
- Substance: PETRO
- Owner: CATAWBA TRUCKING & TRANSP DIV

---

### Map Findings

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<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Site</th>
<th>Elevation</th>
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</table>

**Abandoned**

**Calcage:** 25

**Status:** Abandoned

**Tank ID:** 4
**Capacity:** 4000
**Product:** Gasoline
**Calcage:** 25

**Status:** Abandoned

**Tank ID:** 5
**Capacity:** 4000
**Product:** Gasoline
**Calcage:** 25

**Status:** Abandoned

**Tank ID:** 6
**Capacity:** 4000
**Product:** Gasoline
**Calcage:** 25

**Status:** Abandoned

**Tank ID:** 7
**Capacity:** 550
**Product:** Waste Oil
**Calcage:** 25

**Status:** Abandoned
### CATAWBA TRUCKING & TRANSP DIV (Continued)

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**Cleanup Complete Date:** Not reported

**Ground Water Flow Direction:** 18.100000000000001

**Ground Water Flow Direction:** N

**Project Manager:** MCCORMICK, ANDREW T

**Release Fin Type Code:** With SUPERB

**Release Number:** 09226

**Facility ID:** 09226

**Facility Status:** conduct invest/risk assessment

**Owner:** WICKES LUMBER CO

**Substance:** PETRO

**Relative:** Higher

**Actual:** 672 ft.

**Registry ID:** 110017013499

**Site 1 of 3 in cluster I**

**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.
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<th>ID Number</th>
<th>Owner</th>
<th>City, State, Zip</th>
<th>Facility ID</th>
<th>Facility Contact</th>
<th>Potential Contaminants</th>
<th>Program</th>
<th>WPC Permit</th>
<th>Bureau of Land &amp; Waste Management File #</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>I36</td>
<td>SSE</td>
<td>Rock Hill</td>
<td>0.407 mi.</td>
<td>2150 ft.</td>
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<td>SC GWIC:</td>
<td>UST</td>
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<td>ROCK HILL, SC</td>
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<tr>
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**LUST:**

- **Facility ID:** 09347
- **Release Number:** 1
- **Facility Status:** conduct invest/risk assessment
- **Substance:** PETRO
- **Owner:** KAREN MORRIS
- **NFA Date:** Not reported
- **Date Confirmed:** 12/27/89
- **Report Date:** 12/27/89
- **Rank:** 4BC

**Remarks:** Site ID # 09347. RBCA Classification 4BC1. Conducting investigation/Risk Assessment.
### PARTY WORLD (Continued)

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<thead>
<tr>
<th>RP Name:</th>
<th>DUNCAN OIL CO INC</th>
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<tbody>
<tr>
<td>RP Address:</td>
<td>230 COUNTRY CLUB DR</td>
</tr>
<tr>
<td>RP City:</td>
<td>ROCK HILL</td>
</tr>
<tr>
<td>RP State:</td>
<td>SC</td>
</tr>
<tr>
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<td>29730-6006</td>
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<tr>
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<tr>
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<tr>
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<td>MCCORMICK, ANDREW T</td>
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<td>With SUPERB</td>
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#### UST:

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<tbody>
<tr>
<td>Owner:</td>
<td>MORRIS</td>
</tr>
<tr>
<td>Owner Contact:</td>
<td>KAREN BURRACH</td>
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### PARTY WORLD (Continued)

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### I38 ROCK HILL ECONOMIC DEVELOPMENT

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<td>Tank ID</td>
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<tr>
<td>Contact</td>
<td>BETH BAILEY</td>
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<tr>
<td>Owner Phone</td>
<td>803-329-7094</td>
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<tr>
<td>Owner City, St, Zip</td>
<td>ROCK HILL, SC 29730</td>
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<tr>
<td>Owner Address</td>
<td>140 E MAIN ST</td>
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### EPISCOPAL CHURCH OF OUR SAVIOR

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<td>803-329-7094</td>
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<td>Owner City, St, Zip</td>
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<tr>
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**MAP FINDINGS**

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<th>1/4-1/2</th>
<th>0.488 mi.</th>
<th>2574 ft.</th>
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<tbody>
<tr>
<td>J40</td>
<td>FAST PACE STORE</td>
<td>106 S CHERRY RD</td>
<td>ROCK HILL, SC 29732</td>
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</table>

**Site 1 of 2 in cluster J**

**Relative:** SC GWIC:
- Bureau: BLWM
- EAP ID: Not reported
- Solid Waste Permit #: Not reported
- Bureau of Land & Waste Management File #: Not reported
- Permit Number: 09373
- 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 # 09373. RBCA Classification 3BF6. Contacted.

**UST:**
- Facility ID: 9373
- Owner: YACOB
- Owner Contact: Not reported
- Owner Address: 106 S CHERRY RD
- Owner City, St, Zip: ROCK HILL, SC 29732
- Owner Phone: 803-328-8472
- Contact: Not reported
- Contact Tel: 803-328-8472
- Tank ID: 1
- Capacity: 8000
- Product: RUL
- Calcage: 20

**Status:** Currently in use
FAST PACE STORE (Continued)

Tank ID: 2
Capacity: 8000
Product: PLUS
Calcage: 20
Status: Currently in use

Tank ID: 3
Capacity: 8000
Product: PREM
Calcage: 20
Status: Currently in use

J41 FAST PACE STORE
NW 106 S CHERRY RD
1/4-1/2 ROCK HILL, SC 29732
0.488 mi. 2574 ft.
Site 2 of 2 in cluster J

Relative: Lower
Actual: 652 ft.

FINDS 1007228683 LUST N/A
Registry ID: 110016998720

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.

LUST:
Facility ID: 09373
Release Number: 1
Facility Status: conduct invest/risk assessment
Substance: PETRO
Owner: DANIEL YACOB
NFA Date: Not reported
Date Confirmed: 12/30/91
Report Date: 12/30/91
Rank: 3BF

LUST DETAIL:
Release Date: 12/30/1991
Cleanup Complete Date: Not reported
RP Name: ACME OF SOUTH CAROLINA INC
RP Address: PO BOX 2359
RP City: GASTONIA
RP State: NC
RP Zip: 28053-2359
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 10
Ground Water Flow Direction: SE
Project Manager: MCCORMICK, ANDREW T
Release Fin Type Code: DHEC SUPERB with State Lead

DANIEL YACOB
<table>
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<tr>
<td>105</td>
<td>052662</td>
<td>SCDRY0052662</td>
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<td>SAWYERS DRY CLEANING &amp; LAUNDRY INC&lt;br&gt;325 SOUTH CHERRY RD&lt;br&gt;ROCK HILL, SC</td>
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<tr>
<td>359</td>
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<td>SCDRY0052381</td>
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<td>FMR DRYCLEAN USA OF SC, INC&lt;br&gt;529 CHERRY RD&lt;br&gt;ROCK HILL, SC</td>
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<td>368</td>
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<td>SCDRY0056035</td>
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<td>688 ft.</td>
<td>ONE HOUR MARTINIZING&lt;br&gt;1045 CAMDEN AVE&lt;br&gt;ROCK HILL, SC</td>
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<td>SCDRY0054340</td>
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<td>667 ft.</td>
<td>CROWN CLEANERS&lt;br&gt;725 CHERRY RD SUITE 178&lt;br&gt;ROCK HILL, SC</td>
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<tr>
<td>46</td>
<td>ROBERT BREWER ARCADE MILL SITE</td>
<td>SHWS BROWNFIELDS</td>
<td>S108952082</td>
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**Relative:** Lower  
**Actual:** 615 ft.  
**SHWS:**  
- **EPA ID:** SCD987581741

**SC BROWNFIELD:**
- **Contract Number:** 03-5145-NRP
- **Contract Type:** NRP
- **File Number:** 54513
- **Contract Manager:** GORMAN, ANGELA K
- **Person Company:** ROCK HILL CITY OF
- **Primary Address1:** PO BOX 11706
- **Primary Address2:** Not reported
- **Primary City:** ROCK HILL
- **Primary State Code:** SC
- **Primary Zip Code:** Not reported
- **Type Brownfield:** Hazardous Substances
- **Application Received:** Not reported
- **Acreage:** 15.71
- **Contract Executed:** 7/28/2003
- **COC Date Issued:** Not reported
- **RC Executed:** Not reported
- **Contact:** Ms. Susan Lyle
- **Status Code:** ACTIVE

**BCG-07-5145**  
- **Contract Number:** BCG-07-5145  
- **Contract Type:** NRP  
- **File Number:** 54513  
- **Contract Manager:** GORMAN, ANGELA K  
- **Person Company:** BF CLEANUP GRANT FOR WILDCAT CREEK TRIBUTARIES  
- **Primary Address1:** Not reported  
- **Primary Address2:** Not reported  
- **Primary City:** Not reported  
- **Primary State Code:** Not reported  
- **Primary Zip Code:** Not reported  
- **Type Brownfield:** Hazardous Substances
ROBERT BREWER
ARCADE MILL SITE  (Continued)

Application Received: Not reported
Acreage: Not reported
Contract Executed: Not reported
COC Date Issued: Not reported
RC Executed: Not reported
Contact: NICOLE BATES
Status Code: ACTIVE

47  QUICK AS A WINK #461  SHWS  1005767627
SSE  DRYCLEANERS  N/A
1/2-1  423 SALUDA ST
0.750 mi.  ROCK HILL, SC
3959 ft.

Relative:
Lower

Actual:
653 ft.

SHWS:
EPA ID: SCDRY0054379

Drycleaners:
Project Number: 054379
Rank: 381
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<td>CERCLIS, RCRA-NonGen, FINDS, RAATS, SHWS, GWCI</td>
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<td>1007237435</td>
<td>ROCK HILL CONCRETE CO INC</td>
<td>HWY 21 S</td>
<td>29730</td>
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<td>29730</td>
<td>GWCI, UST</td>
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<td>723 GILLSBROOK ROAD HWY</td>
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<td>ROCK HILL</td>
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<td>ROCK HILL</td>
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<td>ROCK HILL CONCRETE CO INC</td>
<td>RT 5</td>
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<td>FINDS, LUST</td>
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<td>ROCK HILL</td>
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<td>ROCK HILL</td>
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<td>ROCK HILL</td>
<td>1004780110</td>
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<td>ROCK HILL</td>
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<td>ELECTRIC SERVICE COMPANY</td>
<td>CONSTITUTION BLVD &amp; LEE ST</td>
<td>29730</td>
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<td>ROCK HILL</td>
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<td>PERFORMANCE FOOD GROUP, ROCK HILL,</td>
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<td>ROCK HILL</td>
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<td>911 HAWKFIELD RD</td>
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<td>ROCK HILL</td>
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<td>SHWS, ALLSITES</td>
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To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

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

**STANDARD ENVIRONMENTAL RECORDS**

**Federal NPL Site List**

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

- **Date of Government Version:** 03/31/2010  
  **Source:** EPA  
  **Telephone:** N/A

- **Date Data Arrived at EDR:** 04/02/2010

- **Date Made Active in Reports:** 04/12/2010  
  **Last EDR Contact:** 04/02/2010

- **Number of Days to Update:** 10  
  **Next Scheduled EDR Contact:** 07/26/2010

NPL Site Boundaries

Sources:

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

- EPA Region 1  
  **Telephone:** 617-918-1143

- EPA Region 2  
  **Telephone:** 215-814-5418

- EPA Region 3  
  **Telephone:** 404-562-8033

- EPA Region 4  
  **Telephone:** 312-886-6686

- EPA Region 5  
  **Telephone:** 206-553-8665

- EPA Region 6  
  **Telephone:** 214-655-6659

- EPA Region 7  
  **Telephone:** 913-551-7247

- EPA Region 8  
  **Telephone:** 303-312-6774

- EPA Region 9  
  **Telephone:** 415-947-4246

Proposed NPL: Proposed National Priority List Sites

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

- **Date of Government Version:** 03/31/2010  
  **Source:** EPA  
  **Telephone:** N/A

- **Date Data Arrived at EDR:** 04/02/2010

- **Date Made Active in Reports:** 04/12/2010  
  **Last EDR Contact:** 04/02/2010

- **Number of Days to Update:** 10  
  **Next Scheduled EDR Contact:** 07/26/2010

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  
  **Telephone:** 202-564-4267

- **Date Data Arrived at EDR:** 02/02/1994

- **Date Made Active in Reports:** 03/30/1994  
  **Last EDR Contact:** 03/01/2010

- **Number of Days to Update:** 56  
  **Next Scheduled EDR Contact:** 05/31/2010

Data Release Frequency: No Update Planned
**Federal Delisted NPL site list**

DELISTED NPL: National Priority List Deletions

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

- **Date of Government Version:** 03/31/2010
- **Source:** EPA
- **Telephone:** N/A
- **Last EDR Contact:** 04/02/2010
- **Next Scheduled EDR Contact:** 07/26/2010
- **Data Release Frequency:** Quarterly

**Federal CERCLIS list**

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

- **Date of Government Version:** 01/29/2010
- **Source:** EPA
- **Telephone:** 703-412-9810
- **Last EDR Contact:** 03/30/2010
- **Next Scheduled EDR Contact:** 07/12/2010
- **Data Release Frequency:** Quarterly

**FEDERAL FACILITY: Federal Facility Site Information listing**

A listing of NPL and Base Realignment & Closure sites found in the CERCLIS database where FERRO is involved in cleanup projects.

- **Date of Government Version:** 06/23/2009
- **Source:** Environmental Protection Agency
- **Telephone:** 703-603-8704
- **Last EDR Contact:** 04/30/2010
- **Next Scheduled EDR Contact:** 07/26/2010
- **Data Release Frequency:** Varies

**Federal CERCLIS NFRAP site List**

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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.

This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

- **Date of Government Version:** 06/23/2009
- **Source:** EPA
- **Telephone:** 703-412-9810
- **Last EDR Contact:** 03/11/2010
- **Next Scheduled EDR Contact:** 06/14/2010
- **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:** 12/11/2009
- **Source:** EPA
- **Telephone:** 800-424-9346
- **Last EDR Contact:** 02/15/2010
- **Next Scheduled EDR Contact:** 05/31/2010
- **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: 01/13/2010
Source: Environmental Protection Agency
Telephone: (404) 562-8651

Date Data Arrived at EDR: 01/15/2010
Last EDR Contact: 04/29/2010

Date Made Active in Reports: 02/18/2010
Next Scheduled EDR Contact: 07/19/2010
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: 01/13/2010
Source: Environmental Protection Agency
Telephone: (404) 562-8651

Date Data Arrived at EDR: 01/15/2010
Last EDR Contact: 04/29/2010

Date Made Active in Reports: 02/18/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 01/13/2010
Source: Environmental Protection Agency
Telephone: (404) 562-8651

Date Data Arrived at EDR: 01/15/2010
Last EDR Contact: 04/29/2010

Date Made Active in Reports: 02/18/2010
Next Scheduled EDR Contact: 07/19/2010
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: 01/13/2010
Source: Environmental Protection Agency
Telephone: (404) 562-8651

Date Data Arrived at EDR: 01/15/2010
Last EDR Contact: 04/29/2010

Date Made Active in Reports: 02/18/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries
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: 12/20/2009  Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/20/2010  Telephone: 703-603-0695
Date Made Active in Reports: 04/12/2010  Last EDR Contact: 03/15/2010
Number of Days to Update: 82  Next Scheduled EDR Contact: 06/28/2010
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: 12/20/2009  Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/20/2010  Telephone: 703-603-0695
Date Made Active in Reports: 04/12/2010  Last EDR Contact: 03/15/2010
Number of Days to Update: 82  Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

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

Date of Government Version: 12/31/2009  Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/22/2010  Telephone: 202-267-2180
Date Made Active in Reports: 02/11/2010  Last EDR Contact: 04/07/2010
Number of Days to Update: 20  Next Scheduled EDR Contact: 07/19/2010
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: 01/04/2010  Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 01/07/2010  Telephone: 803-734-5376
Date Made Active in Reports: 01/27/2010  Last EDR Contact: 03/22/2010
Number of Days to Update: 20  Next Scheduled EDR Contact: 07/05/2010
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: 01/06/2010  Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 01/07/2010  Telephone: 803-734-5165
Date Made Active in Reports: 01/27/2010  Source: Department of Health and Environmental Control, GIS Section
Number of Days to Update: 20  Telephone: 803-896-4084
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 07/05/2010
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: 02/22/2010    Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 02/23/2010    Telephone: 803-898-4350
Date Made Active in Reports: 03/24/2010    Last EDR Contact: 05/03/2010
Number of Days to Update: 29    Next Scheduled EDR Contact: 08/16/2010
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: 02/25/2010    Source: EPA Region 8
Date Data Arrived at EDR: 02/25/2010    Telephone: 303-312-6271
Date Made Active in Reports: 04/12/2010    Last EDR Contact: 05/03/2010
Number of Days to Update: 46    Next Scheduled EDR Contact: 08/16/2010
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: 03/24/2009    Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2009    Telephone: 913-551-7003
Date Made Active in Reports: 06/17/2009    Last EDR Contact: 05/04/2010
Number of Days to Update: 28    Next Scheduled EDR Contact: 08/16/2010
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: 03/05/2010    Source: EPA Region 6
Date Data Arrived at EDR: 03/05/2010    Telephone: 214-665-6597
Date Made Active in Reports: 04/12/2010    Last EDR Contact: 05/03/2010
Number of Days to Update: 38    Next Scheduled EDR Contact: 08/16/2010
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: 02/19/2009    Source: EPA Region 1
Date Data Arrived at EDR: 02/19/2009    Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009    Last EDR Contact: 05/03/2010
Number of Days to Update: 25    Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

Date of Government Version: 02/02/2010    Source: EPA Region 10
Date Data Arrived at EDR: 02/03/2010    Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2010    Last EDR Contact: 05/03/2010
Number of Days to Update: 15    Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.
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<td>Date of Government Version: 02/01/2010</td>
<td>Date Data Arrived at EDR: 03/03/2010</td>
<td>Date Made Active in Reports: 04/12/2010</td>
<td>Number of Days to Update: 40</td>
<td>Next Scheduled EDR Contact: 08/16/2010</td>
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<td>Source:  Department of Health and Environmental Control</td>
<td>Date of Government Version: 02/22/2010</td>
<td>Date Data Arrived at EDR: 02/23/2010</td>
<td>Date Made Active in Reports: 03/18/2010</td>
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**State and tribal registered storage tank lists**

**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:** 02/22/2010  
**Date Data Arrived at EDR:** 02/23/2010  
**Date Made Active in Reports:** 03/18/2010  
**Number of Days to Update:** 23  
**Next Scheduled EDR Contact:** 08/16/2010  
**Data Release Frequency:** Quarterly

**AST:** Aboveground Storage Tank List  
Registered Aboveground Storage Tanks.

**Date of Government Version:** 03/25/2004  
**Date Data Arrived at EDR:** 08/04/2004  
**Date Made Active in Reports:** 09/23/2004  
**Number of Days to Update:** 50  
**Next Scheduled EDR Contact:** 06/21/2010  
**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 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

**Date of Government Version:** 02/25/2010  
**Date Data Arrived at EDR:** 02/25/2010  
**Date Made Active in Reports:** 04/12/2010  
**Number of Days to Update:** 46  
**Next Scheduled EDR Contact:** 08/16/2010  
**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:** 04/01/2008  
**Date Data Arrived at EDR:** 12/30/2008  
**Date Made Active in Reports:** 03/16/2009  
**Number of Days to Update:** 76  
**Next Scheduled EDR Contact:** 05/17/2010  
**Data Release Frequency:** Varies

**INDIAN UST R5:** Underground Storage Tanks on Indian Land  
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).
### 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: 02/08/2010 | Source: EPA Region 6 |
| Data Made Active in Reports: 02/18/2010 | Telephone: 214-665-7591 |
| Number of Days to Update: 9 | Last EDR Contact: 05/03/2010 |

| Date Made Active in Reports: 02/18/2010 | Next Scheduled EDR Contact: 08/16/2010 |

### 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: 03/10/2010 | Source: EPA Region 4 |
| Data Made Active in Reports: 04/12/2010 | Telephone: 404-562-9424 |
| Number of Days to Update: 27 | Last EDR Contact: 05/03/2010 |

| Date Made Active in Reports: 04/12/2010 | Next Scheduled EDR Contact: 08/16/2010 |

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

| Date of Government Version: 02/02/2010 | Source: EPA Region 10 |
| Data Made Active in Reports: 02/03/2010 | Telephone: 206-553-2857 |
| Number of Days to Update: 15 | Last EDR Contact: 05/03/2010 |

| Date Made Active in Reports: 02/18/2010 | Next Scheduled EDR Contact: 08/16/2010 |

### 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: 02/01/2010 | Source: EPA Region 9 |
| Data Made Active in Reports: 04/12/2010 | Telephone: 415-972-3368 |
| Number of Days to Update: 40 | Last EDR Contact: 05/03/2010 |

| Date Made Active in Reports: 04/12/2010 | Next Scheduled EDR Contact: 08/16/2010 |

### 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: 02/19/2009 | Source: EPA, Region 1 |
| Data Made Active in Reports: 03/16/2009 | Telephone: 617-918-1313 |
| Number of Days to Update: 25 | Last EDR Contact: 05/03/2010 |

| Date Made Active in Reports: 03/16/2009 | Next Scheduled EDR Contact: 08/16/2010 |

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

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.

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.

INDIAN VCP R7: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.
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: 04/02/2008
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 1
Telephone: 617-918-1102
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites Listing

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

Date of Government Version: 12/22/2009
Date Data Arrived at EDR: 03/22/2010
Date Made Active in Reports: 03/24/2010
Number of Days to Update: 2

Source: Department of Health & Environmental Control
Telephone: 803-896-4069
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities—especially those without EPA Brownfields Assessment Demonstration Pilots—minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA’s Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients—States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 11/04/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/23/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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.
Local Lists of Hazardous waste / Contaminated Sites

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

Date of Government Version: 08/19/2009
Date Data Arrived at EDR: 12/29/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 43
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Quarterly

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: 01/25/2010
Date Data Arrived at EDR: 01/25/2010
Date Made Active in Reports: 02/25/2010
Number of Days to Update: 31
Source: Department of Health & Environmental Control
Telephone: 803-896-4000
Last EDR Contact: 04/19/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 02/25/2010
Date Data Arrived at EDR: 03/01/2010
Date Made Active in Reports: 03/24/2010
Number of Days to Update: 23
Source: Department of Health & Environmental Control
Telephone: 803-896-4288
Last EDR Contact: 04/23/2010
Next Scheduled EDR Contact: 05/10/2010
Data Release Frequency: Varies

Date of Government Version: 11/16/2009
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: 02/08/2010
Next Scheduled EDR Contact: 05/24/2010
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: 02/08/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Varies

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

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

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: 02/05/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

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: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31
Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 03/17/2010
Next Scheduled EDR Contact: 06/07/2010
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: 12/31/2009
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
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: 12/08/2009
Date Data Arrived at EDR: 12/09/2009
Date Made Active in Reports: 12/18/2009
Number of Days to Update: 9
Source: Department of Health and Environmental Control
Telephone: 803-898-4111
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

Other Ascertinable Records
RCRA-NonGen: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

RCRA-NonGen: RCRA - Non Generators
Date of Government Version: 01/13/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 34
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

Source: Environmental Protection Agency
Telephone: (404) 562-8651

DOT OPS: Incident and Accident Data
Department of Transportation, Office of Pipeline Safety Incident and Accident data.

DOT OPS: Incident and Accident Data
Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Varies

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595

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.

DOD: Department of Defense Sites
Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Semi-Annually

Source: USGS
Telephone: 703-692-8801

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.

FUDS: Formerly Used Defense Sites
Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285

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.

CONSENT: Superfund (CERCLA) Consent Decrees
Date of Government Version: 08/03/2009
Date Data Arrived at EDR: 10/27/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 13
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

Source: Department of Justice, Consent Decree Library
Telephone: Varies

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.

ROD: Records Of Decision
Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/15/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 35
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Annually

Source: EPA
Telephone: 703-416-0223
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: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

Source: Department of Energy
Telephone: 505-845-0011

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: 11/17/2009
Date Data Arrived at EDR: 12/08/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 42
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

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: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Annually

Source: EPA
Telephone: 202-566-0250

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: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Every 4 Years

Source: EPA
Telephone: 202-260-5521

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

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667

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

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

Source: EPA
Telephone: 202-566-1667

Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly
HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

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

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

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

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: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

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: 11/10/2009
Date Data Arrived at EDR: 11/18/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 62

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

Date of Government Version: 09/01/2009
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 41
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: 12/24/2009  Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 12/31/2009  Telephone: 301-415-7169
Date Made Active in Reports: 02/10/2010  Last EDR Contact: 03/15/2010
Number of Days to Update: 41  Next Scheduled EDR Contact: 06/28/2010

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: 01/12/2010  Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/13/2010  Telephone: 202-343-9775
Date Made Active in Reports: 02/10/2010  Last EDR Contact: 04/14/2010
Number of Days to Update: 28  Next Scheduled EDR Contact: 07/26/2010

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: 10/19/2009  Source: EPA
Date Data Arrived at EDR: 10/22/2009  Telephone: (404) 562-9900
Date Made Active in Reports: 12/01/2009  Last EDR Contact: 03/15/2010
Number of Days to Update: 40  Next Scheduled EDR Contact: 06/28/2010

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

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: 12/31/2007  Source: EPA/NTIS
Date Data Arrived at EDR: 02/19/2009  Telephone: 800-424-9346
Date Made Active in Reports: 05/22/2009  Last EDR Contact: 02/25/2010
Number of Days to Update: 92  Next Scheduled EDR Contact: 06/07/2010
Data Release Frequency: Biennially
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
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Annually

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

Date of Government Version: 03/02/2010
Date Data Arrived at EDR: 03/02/2010
Date Made Active in Reports: 03/24/2010
Number of Days to Update: 22
Source: Department of Health & Environmental Control
Telephone: 803-898-3799
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 05/31/2010
Data Release Frequency: Varies

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: 07/21/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 09/29/2006
Number of Days to Update: 21
Source: Department of Health & Environmental Control
Telephone: 803-898-3882
Last EDR Contact: 02/12/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Varies

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

Date of Government Version: 01/04/2010
Date Data Arrived at EDR: 01/05/2010
Date Made Active in Reports: 01/27/2010
Number of Days to Update: 22
Source: Department of Health & Environmental Control
Telephone: 803-898-4300
Last EDR Contact: 03/29/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Varies

AIRS: Permitted Airs Facility Listing
A listing of permitted airs facilities.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/11/2010
Date Made Active in Reports: 03/24/2010
Number of Days to Update: 13
Source: Department of Health & Environmental Control
Telephone: 803-898-4279
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34
Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Semi-Annually

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.
FEDLAND: Federal and Indian Lands

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

COAL ASH: Coal Ash Disposal Sites
A listing of sites with coal ash ponds.

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

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

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: 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.
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: 12/31/2007
- Date Data Arrived at EDR: 08/26/2009
- Date Made Active in Reports: 09/11/2009
- Number of Days to Update: 16
- Source: Department of Environmental Protection
- Telephone: 860-424-3375
- Last EDR Contact: 03/02/2010
- Next Scheduled EDR Contact: 06/07/2010
- Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

- Date of Government Version: 12/31/2009
- Date Data Arrived at EDR: 01/20/2010
- Date Made Active in Reports: 02/05/2010
- Number of Days to Update: 16
- Source: Department of Environmental Protection
- Telephone: N/A
- Last EDR Contact: 04/23/2010
- Next Scheduled EDR Contact: 08/02/2010
- 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: 01/04/2010
- Date Data Arrived at EDR: 02/11/2010
- Date Made Active in Reports: 03/17/2010
- Number of Days to Update: 34
- Source: Department of Environmental Conservation
- Telephone: 518-402-8651
- Last EDR Contact: 02/11/2010
- Next Scheduled EDR Contact: 05/24/2010
- Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

- Date of Government Version: 12/31/2008
- Date Data Arrived at EDR: 12/01/2009
- Date Made Active in Reports: 12/14/2009
- Number of Days to Update: 13
- Source: Department of Environmental Protection
- Telephone: N/A
- Last EDR Contact: 02/23/2010
- Next Scheduled EDR Contact: 06/07/2010
- Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information.

- Date of Government Version: 11/03/2009
- Date Data Arrived at EDR: 02/12/2010
- Date Made Active in Reports: 02/22/2010
- Number of Days to Update: 10
- Source: Department of Environmental Management
- Telephone: 401-222-2797
- Last EDR Contact: 03/01/2010
- Next Scheduled EDR Contact: 06/14/2010
- Data Release Frequency: Annually
 WI MANIFEST:  Manifest Information

Hazardous waste manifest information.

<table>
<thead>
<tr>
<th>Date of Government Version: 12/31/2008</th>
<th>Source: Department of Natural Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 07/17/2009</td>
<td>Telephone: N/A</td>
</tr>
<tr>
<td>Date Made Active in Reports: 08/10/2009</td>
<td>Last EDR Contact: 03/22/2010</td>
</tr>
<tr>
<td>Number of Days to Update: 24</td>
<td>Next Scheduled EDR Contact: 07/05/2010</td>
</tr>
<tr>
<td>Data Release Frequency: Annually</td>
<td></td>
</tr>
</tbody>
</table>

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

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, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

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

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES

Target Property Elevation: 656 ft.

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.
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
<table>
<thead>
<tr>
<th>Target Property County</th>
<th>FEMA Flood Electronic Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>YORK, SC</td>
<td>YES - refer to the Overview Map and Detail Map</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flood Plain Panel at Target Property</th>
<th>45091C - FEMA DFRM Flood data</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Additional Panels in search area:</th>
<th>Not Reported</th>
</tr>
</thead>
</table>

NATIONAL WETLAND INVENTORY

<table>
<thead>
<tr>
<th>NWI Quad at Target Property</th>
<th>NWI Electronic Data Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROCK HILL WEST</td>
<td>YES - refer to the Overview Map and Detail Map</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>LOCATION</th>
<th>GENERAL DIRECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Reported</td>
<td>FROM TP</td>
<td>GROUNDWATER FLOW</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Era</th>
<th>System</th>
<th>Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paleozoic</td>
<td>Mississippian</td>
<td>Paleozoic mafic intrusives</td>
</tr>
</tbody>
</table>

Code: Pzmi (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture’s (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: CECIL

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

<table>
<thead>
<tr>
<th>Layer</th>
<th>Upper</th>
<th>Lower</th>
<th>Soil Texture Class</th>
<th>AASHTO Group</th>
<th>Unified Soil</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>5 inches</td>
<td>Not reported</td>
<td>Not reported</td>
<td></td>
<td>Max:</td>
<td>Min:</td>
</tr>
<tr>
<td>2</td>
<td>5 inches</td>
<td>9 inches</td>
<td>Not reported</td>
<td>Not reported</td>
<td></td>
<td>Max:</td>
<td>Min:</td>
</tr>
<tr>
<td>3</td>
<td>9 inches</td>
<td>37 inches</td>
<td>Not reported</td>
<td>Not reported</td>
<td></td>
<td>Max:</td>
<td>Min:</td>
</tr>
<tr>
<td>4</td>
<td>37 inches</td>
<td>59 inches</td>
<td>Not reported</td>
<td>Not reported</td>
<td></td>
<td>Max:</td>
<td>Min:</td>
</tr>
</tbody>
</table>

Soil Map ID: 2

Soil Component Name: CECIL

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

Soil Drainage Class: Well drained
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

### Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Soil Texture Class</th>
<th>Classification</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>5 inches</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Max: 14 Min: 4</td>
</tr>
<tr>
<td>2</td>
<td>5 inches</td>
<td>46 inches</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Max: 14 Min: 4</td>
</tr>
<tr>
<td>3</td>
<td>46 inches</td>
<td>59 inches</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Max: 14 Min: 4</td>
</tr>
</tbody>
</table>

**LOCAL / REGIONAL WATER AGENCY RECORDS**

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

### WELL SEARCH DISTANCE INFORMATION

<table>
<thead>
<tr>
<th>DATABASE</th>
<th>SEARCH DISTANCE (miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal USGS</td>
<td>1.000</td>
</tr>
<tr>
<td>Federal FRDS PWS</td>
<td>Nearest PWS within 1 mile</td>
</tr>
<tr>
<td>State Database</td>
<td>1.000</td>
</tr>
</tbody>
</table>

**FEDERAL USGS WELL INFORMATION**

MAP ID WELL ID LOCATION FROM TP

No Wells Found

**FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 SC1270108</td>
<td>1/2 - 1 Mile SSE</td>
<td></td>
</tr>
</tbody>
</table>

Note: PWS System location is not always the same as well location.
### STATE DATABASE WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3</td>
<td>SCP3000000017960</td>
<td>1/2 - 1 Mile East</td>
</tr>
<tr>
<td>A4</td>
<td>SCP300000017961</td>
<td>1/2 - 1 Mile East</td>
</tr>
<tr>
<td>A5</td>
<td>SCP300000017958</td>
<td>1/2 - 1 Mile East</td>
</tr>
<tr>
<td>A6</td>
<td>SCP300000017959</td>
<td>1/2 - 1 Mile East</td>
</tr>
</tbody>
</table>
### ENFORCEMENT INFORMATION:

<table>
<thead>
<tr>
<th>Violation ID:</th>
<th>9425566</th>
<th>Source ID:</th>
<th>Not Reported</th>
<th>PWS Phone:</th>
<th>Not Reported</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vio. beginning Date:</td>
<td>07/01/93</td>
<td>Vio. end Date:</td>
<td>12/31/93</td>
<td>Vio. Period:</td>
<td>006 Months</td>
</tr>
<tr>
<td>Num required Samples:</td>
<td>Not Reported</td>
<td>Number of Samples Taken:</td>
<td>Not Reported</td>
<td>Analysis Result:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Analysis Method:</td>
<td>Not Reported</td>
<td>Maximum Contaminant Level:</td>
<td>Not Reported</td>
<td>Violation Type:</td>
<td>Initial Tap Sampling for Pb and Cu</td>
</tr>
<tr>
<td>Contaminant:</td>
<td>LEAD &amp; COPPER RULE</td>
<td>Vio. Awareness Date:</td>
<td>Not Reported</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### VIOLATIONS INFORMATION:

<table>
<thead>
<tr>
<th>True date:</th>
<th>03/31/2009</th>
<th>Pwsid:</th>
<th>SC1270108</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pwname: N CHESTER HEADSTART (1270108)</td>
<td>Retopsvrd:</td>
<td>155</td>
<td>Pwstypcod:</td>
</tr>
<tr>
<td>Void:</td>
<td>4934404</td>
<td>Contaminant:</td>
<td>COLIFORM (TCR)</td>
</tr>
<tr>
<td>Viol. Type:</td>
<td>Monitoring, Routine Major (TCR)</td>
<td>Compliance:</td>
<td>1/1/2004 0:00:00</td>
</tr>
<tr>
<td>Enf action:</td>
<td>State Public Notif Requested</td>
<td>Enfdate:</td>
<td>4/10/2004 0:00:00</td>
</tr>
<tr>
<td>Vio. beginning Date:</td>
<td>Not Reported</td>
<td>PWS Phone:</td>
<td>Not Reported</td>
</tr>
</tbody>
</table>

### GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Map ID**

<table>
<thead>
<tr>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Database</th>
<th>EDR ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 SSE</td>
<td>1/2 - 1 Mile Higher</td>
<td></td>
<td>FRDS PWS</td>
<td>SC1270108</td>
</tr>
</tbody>
</table>

**PWS ID:** SC1270108  
**Date Initiated:** 7706  
**PWS Name:** N CHESTER HEADSTART  
**Address:** LARRY PLYLER, PO BOX 933, ROCK HILL, SC 29730  
**Address:** Distribution Facility  
**Address:** LARRY PLYLER, EXEC. DIRECTOR, PO BOX 933, ROCK HILL, SC 29730  
**Facility Latitude:** 34 55 28  
**Facility Longitude:** 081 01 31  
**City Served:** 081 01 31  
**Population:** 00000120  
**PWS currently has or had major violation(s) or enforcement:** YES  

**True date:** 03/31/2009  
**Pwsid:** SC1270108  
**Pwname:** N CHESTER HEADSTART (1270108)  
**Retopsvrd:** 155  
**Void:** 4934404  
**Viol. Type:** Monitoring, Routine Major (TCR)  
**Complperbe:** 3/31/2004 0:00:00  
**Enf action:** State Violation/Reminder Notice  
**Vio. beginning Date:** Not Reported  
**Enfdate:** 4/10/2004 0:00:00  
**Vio. Period:** 06 Months  
**Vio. end Date:** 07/01/93  
**Vio. ID:** 2

**Map ID**

<table>
<thead>
<tr>
<th>Direction</th>
<th>Distance</th>
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**PWS ID:** SC1270108  
**Date Initiated:** 7706  
**PWS Name:** N CHESTER HEADSTART  
**Address:** LARRY PLYLER, PO BOX 933, ROCK HILL, SC 29730  
**Address:** Distribution Facility  
**Address:** LARRY PLYLER, EXEC. DIRECTOR, PO BOX 933, ROCK HILL, SC 29730  
**Facility Latitude:** 34 55 28  
**Facility Longitude:** 081 01 31  
**City Served:** 081 01 31  
**Population:** 00000120  
**PWS currently has or had major violation(s) or enforcement:** YES  

**True date:** 03/31/2009  
**Pwsid:** SC1270108  
**Pwname:** N CHESTER HEADSTART (1270108)  
**Retopsvrd:** 155  
**Void:** 4934404  
**Viol. Type:** Monitoring, Routine Major (TCR)  
**Complperbe:** 3/31/2004 0:00:00  
**Enf action:** State Violation/Reminder Notice  
**Vio. beginning Date:** Not Reported  
**Enfdate:** 4/10/2004 0:00:00  
**Vio. Period:** 06 Months  
**Vio. end Date:** 07/01/93  
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**Vio. ID:** 2
GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name: N CHESTER HEADSTART  
Violation Type: Monitoring, Routine Major (TCR)  
Contaminant: COLIFORM (TCR)  
Compliance Period: 1/1/2004 0:00:00 - 3/31/2004 0:00:00  
Violation ID: 4934404  
Enforcement Date: 4/10/2004 0:00:00  
Enf. Action: State Violation/Reminder Notice

System Name: N CHESTER HEADSTART  
Violation Type: Monitoring, Routine Major (TCR)  
Contaminant: COLIFORM (TCR)  
Compliance Period: 1/1/2004 0:00:00 - 3/31/2004 0:00:00  
Violation ID: 4934404  
Enforcement Date: 4/10/2004 0:00:00  
Enf. Action: State Public Notif Requested

System Name: N CHESTER HEADSTART  
Violation Type: Monitoring, Routine Major (TCR)  
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Violation ID: 4934404  
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Enf. Action: State Violation/Reminder Notice

System Name: N CHESTER HEADSTART  
Violation Type: Monitoring, Routine Major (TCR)  
Contaminant: COLIFORM (TCR)  
Compliance Period: 1/1/2004 0:00:00 - 3/31/2004 0:00:00  
Violation ID: 4934404  
Enforcement Date: 4/10/2004 0:00:00  
Enf. Action: State Public Notif Requested

CONTACT INFORMATION:

Name: N CHESTER HEADSTART (1270108)  
Population: 155  
Contact: MILLER, LINNIE  
Phone: Not Reported  
Address: PO BOX 933  
Address 2: ROCK HILL  
SC, 29 803-3  

A3  
East  
1/2 - 1 Mile  
Lower  

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Scwrc: 31D--uz203  
Scwrc tran: 31D--uz203  
Scwrc orig: 31D--uz23  
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Dhec const: Not Reported  
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Parcel id: Not Reported  
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<th>Basin:</th>
<th>Not Reported</th>
<th>Wtruse:</th>
<th>domestic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sorctp:</td>
<td>W</td>
<td>Yield:</td>
<td>30</td>
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<tr>
<td>Cons:</td>
<td>X</td>
<td>Wq:</td>
<td>Not Reported</td>
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<td>GI:</td>
<td>X</td>
<td>Pt:</td>
<td>Not Reported</td>
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<tr>
<td>WI:</td>
<td>X</td>
<td></td>
<td></td>
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<tr>
<td>Remarks:</td>
<td>water in &quot;soft white rock&quot; 70-75'</td>
<td>Updated:</td>
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<td>Pr:</td>
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<td>X</td>
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<tr>
<td>Ca:</td>
<td>X</td>
<td>Qm:</td>
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<tr>
<td>Pu:</td>
<td>Not Reported</td>
<td>Date print:</td>
<td>12/30/1899</td>
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<tr>
<td>Cla:</td>
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</tr>
<tr>
<td>Site id:</td>
<td>SCP300000017959</td>
<td></td>
<td></td>
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</table>
Federal EPA Radon Zone for YORK County: 2

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: 29730
Number of sites tested: 8

<table>
<thead>
<tr>
<th>Area</th>
<th>Average Activity</th>
<th>% &lt;4 pCi/L</th>
<th>% 4-20 pCi/L</th>
<th>% &gt;20 pCi/L</th>
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</thead>
<tbody>
<tr>
<td>Living Area - 1st Floor</td>
<td>0.700 pCi/L</td>
<td>100%</td>
<td>0%</td>
<td>0%</td>
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<tr>
<td>Living Area - 2nd Floor</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
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<tr>
<td>Basement</td>
<td>1.300 pCi/L</td>
<td>100%</td>
<td>0%</td>
<td>0%</td>
</tr>
</tbody>
</table>
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.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW 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

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
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 Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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.
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

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
420 WEST WHITE STREET
ROCK HILL, SC

Inquiry Number:
June 12, 2010
The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary ................................................................. Page 3

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

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All available detailed information from databases where sites are identified.

Section 3: Databases and Update Information ...................................... Page 5

Name, source, update dates, contact phone number and description of each of the databases for this report.

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

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## SECTION 1: FACILITY SUMMARY

<table>
<thead>
<tr>
<th>FACILITY 1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FACILITY</strong></td>
</tr>
<tr>
<td><strong>AREA</strong></td>
</tr>
<tr>
<td><strong>WASTE MANAGEMENT</strong></td>
</tr>
<tr>
<td>Facility generates hazardous waste (RCRA)</td>
</tr>
<tr>
<td>Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF)</td>
</tr>
<tr>
<td>Facility has received Notices of Violations (RCRA/VIOL)</td>
</tr>
<tr>
<td>Facility has been subject to RCRA administrative actions (RAATS)</td>
</tr>
<tr>
<td>Facility has been subject to corrective actions (CORRACTS)</td>
</tr>
<tr>
<td>Facility handles PCBs (PADS)</td>
</tr>
<tr>
<td>Facility uses radioactive materials (MLTS)</td>
</tr>
<tr>
<td>Facility manages registered aboveground storage tanks (AST)</td>
</tr>
<tr>
<td>Facility manages registered underground storage tanks (UST)</td>
</tr>
<tr>
<td>Facility has reported leaking underground storage tank incidents (LUST)</td>
</tr>
<tr>
<td>Facility has reported emergency releases to the soil (ERNS)</td>
</tr>
<tr>
<td>Facility has reported hazardous material incidents to DOT (HMIRS)</td>
</tr>
<tr>
<td><strong>WASTE DISPOSAL</strong></td>
</tr>
<tr>
<td>Facility is a Superfund Site (NPL)</td>
</tr>
<tr>
<td>Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)</td>
</tr>
<tr>
<td>Facility has a reported Superfund Lien on it (LIENS)</td>
</tr>
<tr>
<td>Facility is listed as a state hazardous waste site (SHWS)</td>
</tr>
<tr>
<td>Facility has disposed of solid waste on-site (SWF/LF)</td>
</tr>
<tr>
<td><strong>MULTIMEDIA</strong></td>
</tr>
<tr>
<td>Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)</td>
</tr>
<tr>
<td>Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)</td>
</tr>
<tr>
<td>Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)</td>
</tr>
<tr>
<td>Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)</td>
</tr>
<tr>
<td>Facility is listed in EPA’s index system (FINDS)</td>
</tr>
<tr>
<td>Facility is listed in a county/local unique database (LOCAL)</td>
</tr>
<tr>
<td><strong>POTENTIAL SUPERFUND LIABILITY</strong></td>
</tr>
<tr>
<td>Facility has a list of potentially responsible parties PRP</td>
</tr>
<tr>
<td><strong>TOTAL (YES)</strong></td>
</tr>
</tbody>
</table>
WASTE MANAGEMENT

Facility has reported emergency releases to the soil

DATABASE: Emergency Response Notification System (ERNS)

420 WEST WHITE STREET
420 WEST WHITE STREET
ROCK HILL, SC
EDR ID #97409114

ERNS:
Site ID: 97409114
Source: Not reported
Site location: 420 WEST WHITE STREET
County: YORK
Report number: 409114
Report date: 10/27/1997
Report time: 20:47
Spill date: 10/27/1997
Spill time: 17:45
Spiller: True
Confidential: False
Medium affected: Water
Dist. from city: Not reported
Heading: Not reported
Field ID: Not reported
Block ID: Not reported
Vehicle ID: Not reported
Mile post: Not reported
Transport mode: FIXED
Damage: False
Damage $ amount: 0
Evacuation: False
Number of injured: Not reported
Number of fatalities: Not reported
Notes: STORM DRAIN
Agency notified: Not reported
Notified by caller: NONE
Other agency: Not reported
EPA time: 20:59
Other time: :
C.G. unit: Not reported
C.G. time: :
Duty officer: ANR
Jurisdiction: Not reported
Reportable: Not reported
Cause: Not reported
Tank capacity: Not reported
Facility capacity: Not reported
Cont rel. type: Release was secured / NONE
Comments: FUEL OIL TANK / A PUMP GASKET FAILED
Comments: 420 WEST WHITE STREET
Comments: WILL NOTIFY: SERC
Discharger: SPRINGS INDUSTRIES
Discharger address: PO BOX 70
Discharger phone: 803-547-1578
Discharger type: PE
Spilled material: OIL, FUEL: NO. 6
Spill total qty: 00000100.00 GAL
In water: 00000000.00 UNK
DOT #: Not reported
CAS: Not reported
Quantity (lbs): 00000000800.00
To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

**Elapsed ASTM days:** Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

## DATABASES FOUND IN THIS REPORT

**ERNS: Emergency Response Notification System**

**Source:** National Response Center, United States Coast Guard  
**Telephone:** 202-267-2180  
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

- Date of Government Version: 12/31/2009
- Database Release Frequency: Annually
- Date of Last EDR Contact: 04/07/2010
- Date of Next Scheduled Update: 07/19/2010
Inquiry Number:
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<table>
<thead>
<tr>
<th>Area</th>
<th>Facility 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>420 W. WHITE ST</td>
<td>ROCK HILL, SC</td>
</tr>
<tr>
<td>EDR ID #90181806</td>
<td></td>
</tr>
</tbody>
</table>

#### WASTE MANAGEMENT
- Facility generates hazardous waste (RCRA): **NO**
- Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF): **NO**
- Facility has received Notices of Violations (RCRA/Viol): **NO**
- Facility has been subject to RCRA administrative actions (RAATS): **NO**
- Facility has been subject to corrective actions (CORRACTS): **NO**
- Facility handles PCBs (PADS): **NO**
- Facility uses radioactive materials (MLTS): **NO**
- Facility manages registered aboveground storage tanks (AST): **NO**
- Facility manages registered underground storage tanks (UST): **NO**
- Facility has reported leaking underground storage tank incidents (LUST): **NO**
- Facility has reported emergency releases to the soil (ERNS): **YES - p4**
- Facility has reported hazardous material incidents to DOT (HMIRS): **NO**

#### WASTE DISPOSAL
- Facility is a Superfund Site (NPL): **NO**
- Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS): **NO**
- Facility has a reported Superfund Lien on it (LIENS): **NO**
- Facility is listed as a state hazardous waste site (SHWS): **NO**
- Facility has disposed of solid waste on-site (SWF/LF): **NO**

#### MULTIMEDIA
- Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS): **NO**
- Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS): **NO**
- Facility manufactures or imports toxic chemicals on the TSCA list (TSCA): **NO**
- Facility has inspections under FIFRA, TSCA or EPCRA (FTTS): **NO**
- Facility is listed in EPA's index system (FINDS): **NO**
- Facility is listed in a county/local unique database (LOCAL): **NO**

#### POTENTIAL SUPERFUND LIABILITY
- Facility has a list of potentially responsible parties (PRP): **NO**

**TOTAL (YES): 1**
WASTE MANAGEMENT

Facility has reported emergency releases to the soil

DATABASE: Emergency Response Notification System (ERNS)

420 W. WHITE ST
420 W. WHITE ST
ROCK HILL, SC
EDR ID #90181806

ERNS:
Site ID: 90181806
Site location: 420 W. WHITE ST
ROCK HILL, SC
County: YORK
Report number: 41597
EPA region: 04
Spill date: 09/29/1990
Spill time: 01:45
Medium affected: Land
Damage: False
Damage $ amount: 0.00
Number of injured: 0
Number of fatalities: 0
Notes: CONCRETE PAD AND SOIL
Discharger: SPRINGS INDUSTRIES INC.
Discharger address: POB 70 205 N. WHITE ST
FORT MILL, SC 29715
Discharger county: Not reported
C.G. Unit: Not reported
EPA notified: True
Updated report: True
Spill cause: Not reported
Spilled material: POLYCHLORINATED BIPHENYLS
Spill total qty: 15.00 GAL
In water: 0.00 NON
DOT #: Not reported
CAS: Not reported
Quantity (lbs): 188.00
Description: GROUND TRANSFORMER / THE FILTER HOUSING BURST.
Action: SIGHT WAS ISOLATED, REMEDIAL CREW ENROUTE TO CLEANUP THE AREA.
Comments: Not reported
To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

**Elapsed ASTM days:** Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

**DATABASES FOUND IN THIS REPORT**

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| Database Release Frequency: Annually | Date of Next Scheduled Update: 07/19/2010 |
APPENDIX E
- Transport of the material removed from the USTs to Shamrock’s Greensboro facility for solidification with saw dust;
- Proper disposal of materials generated during UST closure activities to the Richland County Landfill located in Elgin, South Carolina, Piedmont Landfill located in Kernersville, North Carolina and the Uwharrie Landfill located in Mount Gilead, North Carolina;
- Cleaned the inside of the USTs;
- Filled the USTs with Perma-fill® an inert solid foam material by Tailored Chemical Products, Inc. and capped the opening to the USTs with concrete. Product information for Perma-fill® is included in Appendix B; and
- Restoration of ground surface.

### UST Information

<table>
<thead>
<tr>
<th>Category</th>
<th>Northern UST</th>
<th>Southern UST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product</td>
<td>Varsol</td>
<td>Varsol</td>
</tr>
<tr>
<td>Capacity</td>
<td>12,000 gallons</td>
<td>12,000 gallons</td>
</tr>
<tr>
<td>Age</td>
<td>Unknown</td>
<td>Unknown</td>
</tr>
<tr>
<td>Construction material</td>
<td>Steel</td>
<td>Steel</td>
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<tr>
<td>Last Used</td>
<td>Mid 1960s</td>
<td>Mid 1960s</td>
</tr>
<tr>
<td>Status prior to October 2000</td>
<td>Closed in place by Springs employees in May 1987</td>
<td>Closed in place by Springs employees in May 1987</td>
</tr>
<tr>
<td>closure activities</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depth to base of UST (feet)</td>
<td>Approximately 12 feet</td>
<td>Approximately 12 feet</td>
</tr>
<tr>
<td>Spill prevention equipment</td>
<td>None observed</td>
<td>None observed</td>
</tr>
<tr>
<td>Overfill prevention equipment</td>
<td>None observed</td>
<td>None observed</td>
</tr>
<tr>
<td>Method of closure</td>
<td>UST filled in place</td>
<td>UST filled in place</td>
</tr>
<tr>
<td>Date USTs removed/filled</td>
<td>10/17/00 to 10/26/00</td>
<td>10/11/00 to 10/26/00</td>
</tr>
<tr>
<td>Visible holes</td>
<td>None observed</td>
<td>None observed</td>
</tr>
<tr>
<td>Visible corrosion</td>
<td>None observed</td>
<td>None observed</td>
</tr>
</tbody>
</table>

### Disposal

The overburden soil was profiled by Shamrock as non-hazardous and transported by Will Trucking to the Richland County Landfill located in Elgin, South Carolina. The material removed from the USTs was profiled by Shamrock as non-hazardous and transported by Will Trucking to Shamrock’s Greensboro facility where it was solidified with sawdust. Following solidification, the material was disposed of at the Piedmont Landfill located in Kernersville, North Carolina and the Uwharrie Landfill located in Mount Gilead, North Carolina. The waste profile sheet, disposal manifests, and landfill weight tickets are located in Appendix C.

### GROUNDWATER SAMPLING AND ANALYSIS

Groundwater monitoring well MW-18 was purged and sampled by URS on October 25, 2000. Free-phase product was observed by URS during the sampling of monitoring well MW-18. URS measured 4.09 feet of free-phase product in MW-18 using an ORS interface probe.

Following removal of free-phase product, the groundwater monitoring well was purged prior to sampling, to provide a representative sample of groundwater quality outside the annular space of the groundwater
3.0 AMENDED CORRECTIVE ACTION

3.1 MMPE

URS recommends conducting a single, continuous 100 hour MMPE event at monitoring wells MW-11, MW-12, MW-13, and MW-18. The monitoring wells will be manifolled together to simultaneously perform MMPE events on the wells. Multi-phase units use downhole stinger pipes or drop tubes that are lowered to the proximity of the water table and employ a liquid ring pump to apply high subsurface vacuum, generating high flow rates and thereby rapidly removing multi-phase contaminants. This process is essentially no different than that of AFVR. However, applying a continuous vacuum for a longer period of time enables MMPE to be more effective at removing product than AFVR at many sites.

Air emissions generated during the MMPE event will be discharged to the atmosphere. As part of the initial Corrective Action Plan, an air toxic emissions inventory was calculated to evaluate the potential emissions during the former AFVR events. The calculated “worst-case” VOC emission during the AFVR events was approximately 157.55 pounds per month (lps/month), below the SC DHEC Bureau of Air Quality threshold emission limits of 1,000 lbs/month. Based on the comparable emissions for the AFVR and MMPE events, no air permit for the proposed MMPE remedial activities would be required, and emissions would not be considered a potential exposure pathway within the project area. The air emissions data sheets presented in the initial Corrective Action Plan are included in Appendix A.

3.2 PROJECT STATUS REPORTING

URS will present the results of the MMPE event in the upcoming semi-annual progress report expected to be submitted to SC DHEC by July 30, 2004.
<table>
<thead>
<tr>
<th>Monitoring Well ID</th>
<th>MW-11 (diesel)</th>
<th>MW-12 (varsol)</th>
<th>MW-13 (gasoline)</th>
<th>MW-18 (varsol)</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 23, 2001</td>
<td>0.80</td>
<td>-</td>
<td>1.17</td>
<td>3.21</td>
<td>5.18</td>
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<tr>
<td>September 20 &amp; 21, 2001</td>
<td>0.82</td>
<td>-</td>
<td>2.11</td>
<td>3.42</td>
<td>6.35</td>
</tr>
<tr>
<td>October 18 &amp; 19, 2001</td>
<td>0.50</td>
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**NOTES:**

1. Free-phase product thickness was measured using a Heron oil/water interface probe prior to the start of AFVR activities.
2. All measurements reported in feet.
3. - = No measurable free product observed.
4. NM = Not measured.
5. * = The depth to groundwater and free-phase product measurements were not accurately collected due to the subcontractor placing the stinger into the well before URS was able to collect a measurement.
6. ** = URS personnel was not able to collect a depth to groundwater measurement due to the free-phase product adhering to the probe.
1.0 INTRODUCTION

On behalf of Springs Industries, Inc. (Springs), URS Corporation (URS) is pleased to submit this Annual Monitoring Report to the South Carolina Department of Health and Environmental Control (SC DHEC) Groundwater Quality Section, Bureau of Water. The groundwater monitoring activities documented herein were performed in accordance with criteria established by SC DHEC Bureau of Water in letters to Springs dated January 2, 2001 and June 26, 2002 to perform groundwater sampling activities at the former Rock Hill Printing and Finishing Facility ("site").

The site is located at 420 White Street in Rock Hill, York County, South Carolina. A site location map is included as Figure 1 and a site vicinity map is presented as Figure 2.

1.1 ASSESSMENT HISTORY

In March 1998, Springs and URS conducted an evaluation of facility operations and activities to identify areas of environmental concern. URS identified 19 areas of potential environmental concern which were designated in the Site Assessment Work Plan issued April 13, 1998. URS recommended collecting and analyzing soil and/or groundwater samples in areas of potential environmental concern located outside and inside facility buildings and the installation of perimeter monitoring wells to evaluate groundwater quality along the property boundary.

Seven areas of environmental concern were identified based on the findings of the initial assessment activities conducted at the site in April and May 1998. These areas included:

- Area 1: Former Gasoline Underground Storage Tank (UST)
- Area 2: Former Drum Storage Area, Former Caustic Resin and Turpentine Above Ground Storage Tank (AST), Former Syvatal and Pine Oil AST, Foundry, Former Diesel UST, and Former Amyl Alcohol USTs
- Area 3: Former Gasoline UST and Former Varsol UST
- Area 4: Chrome Plating Room
- Area 5: Varsol AST
- Area 6: Former Gasoline UST
Area 7: Forklift Maintenance Area, Former Salvage Yard, and Former Solvent Storage Area

Based on the findings of the initial assessment activities and a meeting with SC DHEC on July 1, 1998, SC DHEC decided that the Bureau of Water Quality would be responsible for regulatory oversight of Areas 2, 4, 5, and 7 and the Bureau of UST Management would be responsible for regulatory oversight of Areas 1, 3, and 6. The results of assessment and remedial activities that have been completed at the site have been reported to SC DHEC in the following documents:

SC DHEC Bureau of Water Quality


- **Site Assessment Report Addendum**, Former Rock Hill Printing and Finishing Facility, Area 7, 420 White Street, Rock Hill, South Carolina; dated December 17, 1999.


Photograph Number 1: South elevation of facility.

Photograph Number 2: View of multi-story building at the southwest corner of the Property.
Photograph Number 3: West elevation of Property.

Photograph Number 4: North side of main building.
Photograph Number 5: View of fire damaged area on east side of Property.

Photograph Number 6: Loading dock on west side of Main building.
Photograph Number 7: Smoke stack and water towers.

Photograph Number 8: Abandoned monitoring wells.
Photograph Number 9: Coal ash building.

Photograph Number 10: Boiler house.
Photograph Number 11: Maintenance shops.

Photograph Number 12: Clean and empty ASTs on top of roof.
Photograph Number 13: AST at southeast corner of main building.

Photograph Number 14: Onsite water reservoir.
Photograph Number 15: Number 6 Fuel Oil AST

Photograph Number 16: Oil in secondary containment of fuel oil AST.
Photograph Number 17: Diesel AST near pump house.

Photograph Number 18: Water treatment plant.
Photograph Number 19: Propane transfer building.

Photograph Number 20: Interior of former foundry.
Photograph Number 21: Floor of foundry.

Photograph Number 22: Paint in work shop.
Photograph Number 23: Paint in work shop area.

Photograph Number 24: Oil stain below baler in laundry.
Photograph Number 25: Boiler house interior.

Photograph Number 26: Groundwater in basement of boiler house.
Photograph Number 27: View across roof of Main Building.

Photograph Number 28: Dye vats in second floor dye room.
Photograph Number 29: Spilled dyes in second floor dye room.

Photograph Number 30: Third floor dye machine.
Photograph Number 31: Fire damaged area.

Photograph Number 32: Fire damaged second floor.
Photograph Number 33: Fire damaged area.

Photograph Number 34: Oil spilled in second floor shop.
Photograph Number 35: Print roller room.

Photograph Number 36: Clean and empty caustic soda tanks in basement.
Photograph Number 37: Manhole access to storm drain along west side of building.

Photograph Number 38: East-west trending ditch on adjoining eastern Property.
Photograph Number 39: Sump at southwest corner of Main Building.

Photograph Number 40: Possible sump pump in floor of Main Building south wall.
Photograph Number 41: Typical paint condition.

Photograph Number 42: Vats in bleachery.
Photograph Number 43: Debris and water in vat.

Photograph Number 44: Transformers in ground floor electrical room.
Photograph Number 45: Bath in engraving room.

Photograph Number 46: Oil leak from elevator machine.
Photograph Number 47: Land use to west.

Photograph Number 48: Land use to east of Property.
Photograph Number 49: Land use to north of Property.

Photograph Number 50: Land use to north of the Property.
Photograph Number 51: Land use south of the Property.

Photograph Number 52: Land use south of the Property.
**Professional Affiliations**

Member – National Society of Professional Engineers

**Specialized Training**

<table>
<thead>
<tr>
<th>Year</th>
<th>Course Description</th>
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<tbody>
<tr>
<td>2006</td>
<td>Assessment and Remediation Workshop, Tampa, Florida</td>
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<tr>
<td>2005</td>
<td>Achievable Barrier Removal and Accessibility, RedVector.com</td>
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<td>2005</td>
<td>ADA Guidelines Course, RedVector.com</td>
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<td>1990-2006</td>
<td>OSHA 8-Hour HAZWOPER Refresher Course per 29 CFR 1910.120.</td>
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<td>2002</td>
<td>Leadership Course, RedVector.com</td>
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<td>2002</td>
<td>Centrifugal Pump Selection and Operation, RedVector.com</td>
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<td>2002</td>
<td>Diagnosing and Mitigating IAQ Problems, RedVector.com</td>
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<td>2002</td>
<td>Quality Assurance, RedVector.com</td>
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<td>2002</td>
<td>Engineering Ethics, RedVector.com</td>
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<td>2002</td>
<td>Florida Engineer’s Laws and Rules, RedVector.com</td>
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<td>2000</td>
<td>The Remediation Course, Princeton Groundwater, Inc.</td>
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<td>1998</td>
<td>Management of Storm Water Discharges Associated With Industrial Activity, Environmental Resource Center</td>
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<td>Management of Hazardous Waste, Environmental Resource Center</td>
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<td>Superfund: &quot;What's at Stake for You&quot;, The National Association of Manufacturers</td>
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<td>1992</td>
<td>A Standard Operating Procedure Plan for Phase I Environmental Site Assessments, TREQO Center, University of Florida</td>
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<td>1992</td>
<td>Seven Habits of Highly Effective People, Applied Earth Sciences, Inc.</td>
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<td>Project Management, Fred Pryor Seminars</td>
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<td>Fate and Transport of Contamination in Soil, University of Massachusetts</td>
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<td>Corrective Action for Containing and Controlling Ground Water Contamination, NGWA.</td>
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<td>Hydrogeology: Application of Fundamental Concepts and Field Techniques to Florida Ground Water Investigations</td>
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<td>1989</td>
<td>OSHA 40-Hour HAZWOPER Certification per 29 CFR 1910.120.</td>
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Phase 2 ESA tasks included advancement of soil borings and installation of monitoring wells. The limited Phase 2 ESA reports were submitted to the client within 45 days of the authorization to proceed. Based on this information, a life-cycle cost for remediation was developed for the sites. The costs for remediation were used by the client to negotiate a purchase price with the seller of the properties. The real estate agreement was approved by both parties and remediation began at six of the assessed properties. Within two years, all but two of the ten properties had received regulatory closure. After two additional years, the remaining two remedial sites had received regulatory closure.

Project Manager for performance of a Phase 1 ESA at a the 18-hole Palm Aire golf resort and condominium community in Pompano Beach, Florida. The Phase 1 ESA identified four Recognized Environmental Conditions (REC’s) associated with fuel tanks at the service centers and underground storage tanks at emergency generator stations. Phase 2 assessments were conducted which confirmed soil and groundwater contamination at three locations. Five underground storage tanks were removed and replaced with new tanks. Soil remediation was conducted by excavation and offsite disposal. All three groundwater contaminated sites received regulatory closure by monitored natural attenuation.

Project Manager for an assessment of a petroleum release at an underground storage tank site. Assessment included the installation of six monitoring wells to determine the horizontal and vertical extent of dissolved and adsorbed hydrocarbons in the subsurface. Assessment activities included the advancement of a soil boring through the floor of an office building. The state risk level was reduced at this site by abandonment of an onsite potable well and placement of the site facility on the municipal water supply. Designed and oversaw the installation of a remediation system. The remedial technique employed was in-situ air sparge in combination with soil vapor extraction. After one year of operation and maintenance, the site achieved remediation cleanup endpoints and the remedial system was turned off and dismantled.

Regional Manager overseeing the remediation of numerous underground storage tank sites in South Carolina. Engineer of record for remediation at seven sites. Remedial techniques include dual-phase extraction, pulsed in-situ air sparge, soil vapor extraction, and application of Oxygen Release Compound.

Designed and provided engineering oversight of a remedial system at a textile machinery manufacturer in Charlotte, North Carolina. Groundwater occurring in fractured bedrock was impacted with chlorinated solvents. This project included the permitting and development of plans and specifications for the treatment of impacted drinking water at a community potable water well.

Successfully negotiated the reduction in groundwater clean-up priority with the North Carolina Department of Environment, Health, and Natural Resources, for a chlorinated solvent plume originating from a textile plant in southwest North Carolina. The negotiation included providing several neighboring homeowners with city water.

Permitted, designed, and provided engineering oversight for the construction of a community potable water supply in western North Carolina.
originating from a former lagoon at an adjoining property. The client pursued purchase and development of the property under the state’s Brownfields program. This required multiple meetings with the state Brownfields personnel and negotiations with city permitting personnel to allow changes in landscaping and parking requirements. The Brownfields Agreement (BFA) allowed the prospective developer (PD) to avoid future liability for the onsite contamination. The BFA also allowed the PD to store 10,000 cubic yards of contaminated soil onsite saving $750,000 in offsite disposal costs. Close cooperation with the development engineers minimized soil excavation from contaminated areas and disturbance of contaminated groundwater by onsite stormwater drainages. The Brownfields application required soil samples from 40 borings to adequately characterize and define the soil contamination at the site. As a cost savings measure, the soil samples were collected during the geotechnical investigation for the future building. The BFA was executed and the site has been developed with a Home Depot store.

Project Manager for the redevelopment of a former textile mill in La Grange, Georgia. Mr. Irminger is assisting the Prospective Developer with securing a Limitation of Liability letter from the State of Georgia on a 600,000 square foot former textile plant. Groundwater and soil at the Site is impacted with Fuel Oil. Currently, a Remedial Action Plan is being developed to address removal of contaminated soil and free product.

Project Manager overseeing Operation and Maintenance of a Superfund site in Rockingham, North Carolina. Project includes engineering oversight, reporting, and groundwater and air sampling of five groundwater remediation systems and one soil vapor extraction SVE system. Negotiated the closure of the SVE system and one of five groundwater remediation systems with EPA Region IV and the North Carolina Superfund section.

Project Manager for a Phase I ESA conducted on the Lan-Yair Country Club in Spartanburg, South Carolina. The Phase I ESA identified numerous REC’s including the following: underground asbestos irrigation piping; asbestos containing building materials in the country club building; a chemical (pesticide and herbicide) storage building; and, an aboveground storage tank of gasoline fuel. In addition, the Phase I ESA revealed that the property had been used as a peach orchard through the 1950’s and 1960’s. IC prepared the work specifications for addressing all of the REC’s. The work scope included recyclment or disposal of the agrichemicals in the storage building and IC oversight of the abatement of the asbestos containing materials. IC conducted a Phase 2 ESA at the location of the gasoline tank and determined that the soil beneath the tank was impacted with gasoline. IC directed the removal of the tank and excavation of contaminated soil to a depth of 15-feet below grade. Soil samples collected from the bottom of the tank excavation demonstrated that groundwater was protected from impact and the incident received regulatory closure from the State of South Carolina. Phase 2 ESA activities included soil sampling at 12 separate locations of the property with soil analyses for residual pesticide and herbicide concentrations. Ten of the twelve soil samples were reported with concentrations of DDT, DDE, and DDD above the detection limit. A risk assessment was conducted with the State of South Carolina and the soil was determined safe for unrestricted use.

Project Manager for ten sites requiring Phase 1 ESA’s. The Phase 1 ESA’s were completed within 30 days of the notice to proceed. The Phase 1 ESAs were located in North Carolina and Virginia. Concurrent with the Phase 1 ESA tasks, limited Phase 2 ESA tasks were conducted. The limited
Mr. Irminger is an environmental engineer with expertise in assessment and remediation of organic and inorganic contaminants in soil and groundwater. He specializes in assisting clients with Brownfields development. He has assisted in the completion of two Brownfields Agreements in North Carolina and is working on one other in that state and one in Georgia. His credentials and experience qualify him to conduct Phase I Environmental Site Assessments in accordance with the EPA All Appropriate Inquiry (AAI) Rule. Mr. Irminger has over 16 years of experience conducting Phase I ESA’s. Mr. Irminger has extensive experience with assessment drilling and sampling of soil, groundwater, surface water, and air. He has extensive domestic and international experience with design, installation, and operation of remediation systems for the clean-up of adsorbed, dissolved, and free-phase contaminants.

**Experience**

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<td>1995-1996</td>
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<td>Applied Earth Sciences, Inc., Vice President, Engineering</td>
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<td>1987-1989</td>
<td>United Parcel Service, Driver</td>
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<td>1982-1987</td>
<td>Atlantic Richfield Co., Geophysical Engineer</td>
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<td>1981-1982</td>
<td>Amoco Production Co., Geophysical Engineer</td>
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**Key Projects**

Environmental Consultant to the Town of Forest City, North Carolina, for the redevelopment of the Florence Mill. Work has included preparation of a sensitive receptor survey and the bid specification for the Brownfields assessment. The Site is contaminated with drycleaner solvents. Mr. Irminger assisted in development of the draft Brownfields Agreement and the application for an EPA Cleanup Grant. The Brownfields Agreement and cleanup grant have been secured and the Site is currently undergoing redevelopment. Mr. Irminger continues to provide environmental consulting support to the Town of Forest City for this project.

Project Manager for a Phase 1 ESA at a vacant lot in an urban setting. The vacant lot was listed on the North Carolina Inactive Hazardous Waste Cleanup Sites List because of contamination...