



Environment

Prepared for:
The David J. Joseph Company
Cincinnati, Ohio

Prepared by:
AECOM
Raleigh, NC
60240271
January 2012

Phase I ESA

State Line Scrap Metal, Inc.

**5401 South York Highway, 5322 South York Highway, and 160 Wolfpack Road
Gastonia, North Carolina**



Environment

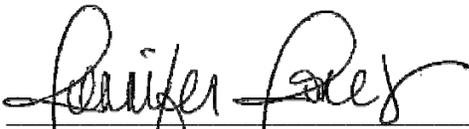
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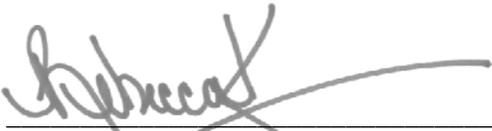
Phase I ESA

State Line Scrap Metal, Inc.

5401 South York Highway, 5322 South York Highway, and 160 Wolfpack Road
Gastonia, North Carolina



Prepared By Jennifer Jones



Reviewed By Rebecca Kelly



Reviewed By Bill Bremen, PE, CPEA, RSM

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List of Acronyms

AECOM	AECOM Technical Services, Inc.
ASR	Automobile Shredder Residue
ASTM	American Society for Testing and Materials
AST	aboveground storage tanks
bgs	below ground surface
BMP	Best Management Practices
DJJ	The David J. Joseph Company
ECHO	Enforcement and Compliance History Online
EDR	Environmental Data Resources
EPA	Environmental Protection Agency
ESA	environmental site assessment
FOIA	Freedom of Information Act
HREC	historical recognized environmental conditions
LUST	Leaking Underground Storage Tank
NCDENR	North Carolina Department of Environment and Natural Resources
NRCS	Natural Resources Conservation Service
PCBs	polychlorinated biphenyls
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
SWPPP	Storm Water Pollution Prevention Plan
USDA	U.S. Department of Agriculture
UST	underground storage tank

1.0 Introduction

AECOM Technical Services, Inc. (AECOM) was retained by The David J. Joseph Company (DJJ) to perform an environmental site assessment (ESA) to identify recognized environmental conditions (RECs) at the State Line Scrap Metal facility located at 5401 South York Highway, 160 Wolf Pack Road, and 5322 South York Highway, Gastonia, Gaston County, North Carolina (subject site). AECOM received authorization to perform the ESA on December 2, 2011. AECOM representative, Ms. Jennifer Jones, Project Manager, conducted the site visit on December 7, 2011. At the subject site, AECOM employee, Ms. Jones, met with Mr. Eric Logsdon, Corporate Environmental Manager with DJJ and Mr. Michael Aho, President with State Line Scrap Metal, who provided information regarding the current and historical operations.

1.1 Scope-of-Services and Additional Services

This assessment has been performed in accordance with AECOM's Proposal dated December 1, 2011. Tasks performed by AECOM as a part of the ESA are described in the proposal.

1.2 Study Limitations

This report describes the results of AECOM's Phase I ESA to identify the presence of contamination-related liabilities materially affecting the subject property. While conducting this assessment, AECOM assessed the presence of such liabilities within the limits of the established scope of work as described in our proposal.

As with any due diligence assessment, there is a certain degree of dependence upon verbal information provided by facility or site representatives, which is not readily verifiable through visual observations or supported by any available written documentation. AECOM shall not be held responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed by facility or site representatives at the time this assessment was performed. In addition, the findings in this report are subject to certain conditions and assumptions, which are noted in the report. Any party reviewing the findings of the report must carefully review and consider all such conditions and assumptions.

This report and all field data and notes were gathered and/or prepared by AECOM in accordance with the agreed upon scope of work and generally accepted engineering and scientific practice in effect at the time of AECOM's assessment of the subject property. The statements, conclusions, and opinions contained in this report are only intended to give approximations of the environmental conditions at the subject property.

As specified in the ASTM standard (referred to below as "this practice"), it is incumbent that the client and any other parties who review and rely upon this report understand the following inherent conditions surrounding any Phase I ESA:

- **Uncertainty Not Eliminated** – No ESA can wholly eliminate uncertainty regarding the potential for REC in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for REC in connection with a

property, and this practice recognizes reasonable limits of time and costs. (Section 4.5.1 of the ASTM standard).

- **Not Exhaustive** – “All appropriate inquiry” does not mean an exhaustive assessment of a clean property. There is a point at which the cost of information obtained outweighs the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions. One of the purposes of this practice is to identify a balance between the competing goals of limiting the costs and time demands inherent in performing an ESA and the reduction of uncertainty about unknown conditions resulting from additional information. (Section 4.5.2 of the ASTM Standard).
- **Comparison with Subsequent Inquiry** – It should not be concluded or assumed that an inquiry was not an “all appropriate inquiry” merely because the inquiry did not identify RECs in connection with a property. ESAs must be evaluated based on the reasonableness of judgments made at the time and under the circumstances in which they were made. Subsequent ESAs should not be considered valid standards to judge the appropriateness of any prior assessment based on hindsight, new information, use of developing technology or analytical techniques, or other factors. (Section 4.5.4 of the ASTM Standard)

This report was prepared pursuant to an agreement between the Client and AECOM and is for the exclusive use of the Client. No other party is entitled to rely on the conclusions, observations, specifications, or data contained herein without first obtaining AECOM's written consent and provided any such party signs an AECOM-generated Reliance Letter. A third party's signing of the AECOM Reliance Letter and AECOM's written consent are conditions precedent to any additional use or reliance on this report.

The passage of time may result in changes in technology, economic conditions, site variations, or regulatory provisions, which would render the report inaccurate. Reliance on this report after the date of issuance as an accurate representation of current site conditions shall be at the user's sole risk.

1.3 Site Specific Limitations

It should be noted that AECOM encountered the following constraints in the performance of this environmental due diligence investigation:

- AECOM was unable to observe all interior and exterior surfaces due to parked vehicles, equipment, and scrap metal covering paved and unpaved areas. AECOM does not consider this to represent a significant limitation with respect to this assessment.
- The interior of the residence located on Parcel C is currently occupied; however, at the time of the site reconnaissance the current tenant was not available for interview. Therefore, the interior of the residence was not accessed. AECOM does not consider the lack of access to the interior of the residence to represent a significant limitation with respect to this assessment.
- Due to the extent to which dirt and debris cover exterior concrete surfaces on Parcel A, it was difficult to identify potential oil staining and to inspect the integrity of the concrete surfaces in many areas.

1.4 Data Failure/Data Gaps

Per the American Society for Testing and Materials (ASTM) Standard, historical research is complete when either: 1) the objectives in Sections 8.3.1 through 8.3.2.2 are achieved; or 2) data failure is encountered. Specific data failures/data gaps encountered during the assessment are discussed, as appropriate, throughout this report. A list of the data failures is provided in Section 7.0 of this report.

1.5 Environmental Professional Statement

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

Name: Bill Bremen

Title: Senior Project Manager

Signature: 

Date: January 26, 2012

2.0 Site Description

2.1 Location

The subject site is comprised of three Parcels of land, identified herein as Parcel A, Parcel B, and Parcel C. The parcels are located at 5401 South York Highway (Parcel A), 160 Wolf Pack Road (Parcel B), and 5322 South York Highway (Parcel C), Gastonia, Gaston County, North Carolina. The subject site is located approximately 1.50 miles northeast of the intersection of Ridge Road and South York Highway. Figure 1 provides a Site Location Map for the subject site.

2.2 Current Use of the Subject Site

The subject site consists of three non-contiguous parcels (designated herein as "Parcel A", "Parcel B", and "Parcel C"). Parcel A (Parcel Number 216278) consists of 40.61 acres of land and is currently zoned Exclusive Industrial (I-3). Parcel B (Parcel Number 147291) consists of 8.51 acres of land and is currently zoned General Industrial (I-2). Parcel C (Parcel Number 214741) consists of 13.07 acres of land and is zoned General Industrial (I-2). Gaston County Director of Revenue records ("property record cards") identifies the subject site owner as Mill Creek Management, LLC. of Gastonia, North Carolina (Parcel A) and of Bowling Green, South Carolina (Parcels B and C). For the purposes of this report, the use of "subject site" will denote all parcels described together, unless otherwise specified.

Parcel A is developed with State Line Scrap Metal, an active metal recycling facility, adjacent to the east side of York Highway. Robinson Road, a two lane road, transects the southern portion of the parcel. The active facility occupies approximately 27 acres on the northwestern and western portions of the parcel. The eastern portion of the parcel consists of approximately 7.5 acres and is occupied by wooded, undeveloped land. The southern portion of Parcel A, located beyond Robinson Road, consists of approximately 6 acres and is occupied by wooded, undeveloped land. Parcel A contains five buildings as well as ancillary support structures and equipment. According to Mr. Aho, the subject site representative, as well as a review of Gaston County property record cards, Parcel A was initially developed in approximately 1990 with the scales and a scale house building. The baler shed and maintenance building were constructed in approximately 1993. The shear equipment and modular scale house office were added in approximately 2005. The warehouse in the turnings storage area and the shredder equipment and associated support building were constructed in approximately 2009. The northwestern most portion of Parcel A was developed in approximately 2009 as a gravel parking lot used for trailer truck parking. A spur track of the Norfolk Southern Railroad enters the property from the west and accesses the metal recycling facility along the southwestern side of Parcel A.

The metal recycling facility accepts metal from industrial and retail dealers and the general public. Various types of scrap metal including iron, steel, aluminum, and other non-ferrous materials are collected and processed for resale. Metal is delivered onsite, segregated, cut, shredded, sorted, baled, and transported to steel and/or alloy mills. An electrically-driven shear, located on the southern portion of the scrap yard, is used to cut metal. A shredder with an eddy current system, which recovers non-ferrous metals through a series of electromagnetic sorters, is located on the southern most end of the scrap yard. The shredder is used to reduce oversized material (e.g., refrigerators, cars, etc.) to small, manageable pieces and to separate and recover shredded steel. The use, storage, and disposal of oils and hazardous materials associated with the scrap metal business located on the subject site is further discussed below in Section 6.2.

Parcel B is located approximately 500 feet to the northwest of Parcel A and adjacent to the east side of York Highway. Parcel B is developed with an office/dry storage warehouse and a storage building totaling approximately 25,800 square feet and 10,000 square feet, respectively. The existing buildings were originally constructed in approximately 1973. The office/dry storage warehouse is divided into office space and warehousing of bailed non-ferrous material awaiting shipment to processors. The storage building located to the northeast of the office building is used for storage of miscellaneous items including a fishing boat, a tractor, camping equipment, and spare parts for the shredder.

Parcel C is located approximately 150 feet to the west of Parcel A, beyond York Highway. Parcel C is currently developed with a single-family residence located along the northeastern boundary of the parcel and adjacent to York Highway. The residence, constructed in 1957, consists of a single-story home totaling approximately 1,750 square feet. The residence is currently occupied; however, as noted above in Section 1.3, AECOM was not able to inspect the interior of this building on the day of the site reconnaissance. A concrete slab indicating the location of a former residential structure is present near the eastern boundary of the parcel. The remainder of the parcel consists of wooded, undeveloped land.

Figures 2a (Parcels A) and 2b (Parcel B and C) provide Site Plans depicting the location of structures and other key features on the subject site. Representative photos are included in Appendix A.

2.3 Description of Structures

Structures present on Parcel A include the modular scale house office, the baler shed, the maintenance building, the warehouse, and the support building associated with the shredder. The modular scale house office is a single-story building consisting of approximately 2,280 square feet. The baler shed consists of an open canopy totaling approximately 6,000 square feet. There are no walls to the canopy, which shelters non-ferrous material. The maintenance building is a single-story structure with a mezzanine. The maintenance building is used to perform maintenance of small mobile equipment and for storage of new oil, equipment parts, and spill kits. For additional information on oils and hazardous materials at the subject site, see Section 6.2. No in-ground hydraulic lifts or pits are located in the maintenance building. The warehouse located in the turnings storage area is a single-story structure consisting of approximately 6,000 square feet. Drums and totes containing stainless steel solids and turnings are stored in the warehouse. The support building associated with the shredder is a two-story building with a control tower consisting of approximately 4,800 square feet. The support building contains the hydraulic compressors, water injection system (for the production of steam within the shredder), the 4,000 horsepower engine, the electrical room, and the operator control tower.

The Parcel A buildings are located on concrete slabs and there are no basements beneath the buildings. The shear and shredder equipment are situated on concrete slabs approximately four feet thick. Concrete pads are also located in the torching area, the turnings storage area, the maintenance building, and the non-ferrous scrap metal area. All of the observed building floors in the indoor storage areas consisted of concrete and appeared to be in good condition with no evidence of severe cracking or pitting. The concrete pads located underneath the fixed equipment and the concrete surfaces in the processing and storage areas appeared to be in good condition; however, due to the extent to which dirt and debris cover exterior concrete surfaces at the site, it was difficult to inspect the integrity of the concrete surface in these areas. Minor cracks in the concrete were observed in the vicinity of the outdoor oil storage area located adjacent to the maintenance building. No floor drains were observed or reported to be located in the maintenance building, the warehouse, or the support building associated with the shredder. Exterior construction materials of the buildings include corrugated metal siding and roofing, vinyl siding, and concrete block. The modular scale house office consists of a finished interior (e.g., drywall, ceiling tiles, floor tiles, etc.). All other onsite buildings are generally unfinished with bare concrete floors, exposed metal walls, exposed ceilings, etc.

Structures present on Parcel B include a single-story office/dry storage warehouse consisting of approximately 25,800 square feet and a single-story storage building consisting approximately 10,000 square feet. The office/dry storage warehouse is divided into office space and warehousing of bailed non-ferrous material awaiting shipment to processors. The storage building located to the northeast of the office building is used for storage of miscellaneous items. The buildings are single-story structures situated on concrete slabs. There is no basement beneath the buildings. Floor drains were observed in the dry storage warehouse; however, Mr. Aho stated that these floor drains have been capped. No floor drains were observed or reported to be located in the office area or in the storage building. Exterior construction materials of the buildings include brick masonry. The office area consists of a finished interior (e.g., drywall, ceiling tiles, floor tiles, carpeting, etc.). The warehouse and storage building are generally unfinished with bare concrete floors, exposed masonry walls, exposed ceilings, etc. Oil and hazardous materials observed associated with the subject site are discussed in Section 6.2.

Structures present on Parcel C include a single-story residential dwelling (constructed in 1957) consisting of approximately 1,700 square feet. A concrete slab indicating the location of a former residential structure is present near the eastern boundary of the parcel. The existing residence is situated on a concrete slab. There is reportedly no basement beneath the house. The residence is currently occupied; however, at the time of the site reconnaissance the current tenant was not available for interview. Therefore, the interior of the residence was not accessed. Exterior construction materials of the residence include brick masonry and asphalt shingle roofing. According to the property record card for the parcel, finished interior construction materials include drywall, floor tiles, and carpeting.

Access to Parcel A can be gained from York Highway, which abuts the parcel to the west, or from Robinson Road, which transects the southern portion of the parcel. Unpaved driveways, composed of asphalt millings, are located throughout the developed portion of the parcel. A gravel parking lot used for trailer truck parking is located in the northwestern most portion of the parcel. Concrete pads are located in the northern portion of the parcel, surrounding the scales and modular office, the baler shed, the turnings storage area, the warehouse, and the maintenance building area. Concrete pads are also located in the torching area and in the areas surrounding the shear and shredder equipment. The remainder of the developed portion of the parcel consists of soil and gravel covered surfaces.

Access to Parcel B can be gained from York Highway to Wolfpack Road, which abuts the parcel to the southeast. Asphalt-paved drives extend from Wolfpack Road to the onsite buildings providing access to the southwestern sides of the buildings and to the loading docks located on the northeastern and southwestern sides of the buildings. Employee parking is located along the southwest side of the office/dry storage warehouse building. The remainder of the parcel consists of grass covered surfaces.

Access to Parcel C can be gained from York Highway, which abuts the parcel to the east or from York Highway to Elizabeth Drive, which abuts the parcel to the northwest. A partially asphalt-paved and gravel drive extends from York Highway and Elizabeth Drive along the northeastern and eastern boundaries of the parcel providing access to the existing residence on the northeastern portion of the parcel. The remainder of the parcel consists of grass covered surfaces and wooded land.

2.4 Utilities

The subject site (Parcels A, B, and C) is connected to electricity supplied by Rutherford Electric Membership Corporation. The buildings located on Parcel B are connected to natural gas, which is supplied by PSNC Energy. The City of Gastonia provides potable water and sanitary sewer service to the buildings located on Parcel B. The City of Gastonia uses surface water from Mountain Island Lake as the source of public drinking water. The 2010 consumer confidence report generated by the City of Gastonia reported that water provided meets the state drinking water quality standards.

According to Mr. Aho, the buildings located on Parcel A are not connected to municipal water and sewer and AECOM observed no facilities (restrooms, sinks, floor drains, etc.) in these buildings, with the exception of the modular office. A water well (used for fire suppression) and an active septic system are connected to the modular office located on Parcel A. According to Mr. Aho and Gaston County Environmental Health Department records, the septic tank and leach fields associated with the modular office are located on the northern side of the building. The water well is located on the southern side of the modular office. Employees are provided bottled water to drink and utilize portable toilets onsite. According to a representative with the City of Gastonia Public Works Department, water service was installed on the southern portion of Parcel A (along Robinson Road) in 2008 for use with the shredder equipment. Mr. Aho stated that to his knowledge, at least two private water wells and two septic tank systems, associated with the former and current residences exist on Parcel C. Refer to Section 4.2 for further discussion.

2.5 Current Use of Adjoining Properties

The following table provides a description of the properties adjacent to the boundaries of the subject site. Adjacent properties are also identified on Figures 2a and 2b.

Direction from site	Adjacent land use description
North	<p>Parcel A: Parcel A is bordered to the north by Tarheel Drive, beyond which is Texlon Plastics Corporation (135 Wolfpack Road) (manufacturer of injection molded plastic parts); to the northwest by American Linc Corporation (159 Wolfpack Road) (manufacturer of textile machinery and replacement parts); and to the northeast by Chambers Container Company (145 Blue Devil Drive) (manufacturer of corrugated and solid fiber boxes).</p>

	<p>Parcel B: Parcel B is bordered to the north by wooded, undeveloped land and to the northeast by Hitec Resources (142 Wolfpack Road) (a temporary employment agency).</p> <p>Parcel C: Parcel C is bordered to the north by the intersection of Elizabeth Drive and York Highway, beyond which is the Norfolk Southern railroad followed by Parcel B of the subject site; to the northeast by York Highway, beyond which is the Norfolk Southern railroad followed by American Linc Corporation; and to the northwest by single-family residences and Elizabeth Drive. Farther to the northwest are single-family residences.</p>
<p>East</p>	<p>Parcel A: Parcel A is bordered to the east (from north to south) by American Forms Manufacturing (170 Tarheel Drive) (supplier of printed business forms and office supplies), Tarheel Properties (formerly Sterling Rack Company – tooling for metal finishing cutting, bending, welding, punching, and drilling) (176 Tarheel Drive), and wooded, undeveloped land.</p> <p>Parcel B: Parcel B is bordered to the east by Wolfpack Road, beyond which is Texlon Plastics Corporation.</p> <p>Parcel C: Parcel C is bordered to the east by York Highway, beyond which is the Norfolk Southern railroad followed by Parcel A of the subject site.</p>
<p>South</p>	<p>Parcel A: Parcel A is bordered to the south by CBP Resources, Inc. (Carolina By-Products Company) (5533 York Highway), a processor of animal fat and protein.</p> <p>Parcel B: Parcel B is bordered to the south by the Norfolk Southern railroad, beyond which is York Highway followed by Parcel C of the subject site; to the southeast by Wolfpack Road followed by American Linc Corporation; and to the southwest by the Norfolk Southern railroad, beyond which is York Highway followed by single-family residences.</p> <p>Parcel C: Parcel C is bordered to the south by vacant and wooded, undeveloped land.</p>
<p>West</p>	<p>Parcel A: Parcel A is bordered to the west by the Norfolk Southern railroad and associated right-of-way and York Highway, beyond which is Parcel C of the subject site and vacant and wooded land. Farther to the west are single-family residences and vacant and wooded land.</p> <p>Parcel B:</p>

	<p>Parcel B is bordered to the west by wooded, undeveloped land and York Highway. Farther to the west is an electrical substation owned by Rutherford Electric Membership Corporation.</p> <p>Parcel C:</p> <p>Parcel C is bordered to the west by single-family residences and wooded, undeveloped land.</p>
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The subject site (Parcel A) and CBP Resources, Inc. (Carolina By-Products Company) (5533 York Highway), and other nearby sites are identified in the EDR database report (see Section 4.1).

During the site reconnaissance, AECOM did not observe exterior storage of hazardous materials or evidence of hazardous material usage on the adjacent properties. Although an adjacent property and other surrounding properties were identified on the databases searched by EDR, the EDR-listed properties do not appear to represent RECs to the subject site.

3.0 User Provided Information

Section 6 of the ASTM Standard states that certain tasks, which will help to determine the possibility of RECs associated with the subject site, are generally conducted by the ESA report user. This includes the following: reviewing title records for environmental liens or activity and land use limitations and considering awareness of any specialized knowledge (e.g., information about previous ownership or environmental litigation), experience related to RECs at the subject site, or significant reduction in the purchase price of the site. Per the agreed scope-of-services, information related to these items should be provided by the ESA report user to AECOM. To assist the user in gathering information that may be material to identifying RECs, AECOM provided the user (DJJ) with the User Questionnaire from the ASTM Standard. Responses received are discussed below.

3.1 Title Records/Environmental Liens

The user was not aware of environmental concerns associated with title records or environmental liens on the subject site. Per the scope of work, AECOM did not obtain an environmental lien search for the subject site.

3.2 Specialized Knowledge/Value Reduction Issues

The user does not have specialized knowledge pertaining to the subject site or related onsite operations. The user was not aware of any property valuation reduction issues for the subject site.

3.3 Reason for Performing the Assessment

AECOM was authorized by The David J. Joseph Company, to perform this Phase I ESA as part of a potential property transaction.

3.4 Other

Other than the documentation discussed in this report, the user was not aware of additional information relative to the subject site.

4.0 Records Information

4.1 Standard Environmental Records

Standard environmental record sources are defined in Section 8.2.1 of the ASTM standard. These records consist of selected federal and state environmental databases. ASTM also specifies the appropriate search distances from the subject site for which these records should be reviewed. AECOM retained the services of EDR of Milford, Connecticut to provide specified state and federal regulatory list information for potential sites of environmental concern located at or in the vicinity of the subject site. EDR maintains a computerized Geographic Information System listing of various state and federal databases in accordance with the ASTM standard. The database search was based upon ASTM-specified standard record sources. Additionally, databases searched by EDR satisfy records review requirements of the *all appropriate inquiry* rule. EDR includes these databases, when available, as a part of its report.

The EDR report includes various reports detailing database information for each of the facilities identified/geocoded within the specified radius. Additional sites with recognized environmental risks were identified, but EDR was not able to map them to specific locations due to insufficient/contradicting address information. These sites were included in EDR's report as "orphan" sites.

The specific databases and ASTM-specified search radii distances reviewed are identified in the EDR report provided for review in Appendix B. The following table summarizes the findings, and further information is provided below. It is noted that although Parcel A, and State Line Scrap, was identified in the EDR report, Parcels B and C were not identified.

Sites identified for 5401 South York Highway, Gastonia, NC

• National Priorities List (1 mile)	No sites identified.
• Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) (1/2 mile)	No sites identified.
• Corrective Action Report (1 mile)	No sites identified.
• Resource Conservation and Recovery Act (RCRA) Treatment Storage and Disposal Facility (1/2 mile)	No sites identified.
• RCRA Generator (site and abutters)	No sites identified.
• RCRA Non-Generator (site and abutters)	Subject site is identified.
• Emergency Response Notification System (site only)	Subject site not identified.
• Facility Index System/Facility Registry System (FINDS) (site only)	Subject site is identified due to its listings on other databases.
• Federal CERCLIS NFRAP site List (CERC-NFRAP) (1/2 mile)	No sites identified.
• NC Hazardous Substance Disposal Site (NC HSDS) (1 mile)	Forbes Road Well (1/2-1 mile, North-Northwest). According to the database records, this off-site property is identified as a NC HSDS (Superfund ID# 986-172-617).

	Wood Road Drum Burial (Region, East-Southeast). According to the database records, the property is identified as a NC HSDS (Superfund ID# 986-170-678).
• State Hazardous Waste Site (SHWS) (1 mile)	MTE Hydraulics (1/2-1 mile, North-Northwest). According to database records, this off-site property is identified as a SHWS, Facility ID# NONCD0002105.
• State Waste Facility/Landfill (1/2 mile)	No sites identified.
• Leaking Underground Storage Tank (LUST) and LUST TRUST (1/2 mile)	CBP Resources, Inc. (also identified as Carolina By-Products Company) adjacent to the south of the subject site.
• Underground Storage Tank (UST and HIST UST) (site and abutters)	No sites identified.
• Aboveground Storage Tank (AST and Leaking AST) (site and abutters)	No sites identified.
• Hazardous Materials Information Reporting System (site only)	Subject site not identified.
• Toxic Release Inventory System (TRIS) (site only)	Subject site not identified.
• Toxic Substance Control Act (TSCA) (site only)	Subject site not identified.
• Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA)/TSCA Tracking System (FTTS) and HIST FTTS (site only)	Subject site not identified.
• Integrated Compliance Information System (ICIS) (site only)	Subject site not identified.
• Drycleaners (1/4 mile)	No sites identified.

Subject Site

The subject site, Stateline Scrap Metal (5401 South York Highway), was identified in the EDR report on the RCRA-Non Generator and FINDS databases searched by EDR. The FINDS listing is due to the subject site's listing on other databases (National Pollutant Discharge Elimination System [NPDES], and Aerometric Information Retrieval System). The subject site was identified as a former generator of hazardous waste from 2006 to 2011. According to the EDR report, no violations were reported. The type(s) of materials formerly generated onsite were not reported. No additional information regarding the database listings was provided in the EDR report. However, the subject site was also identified in State records. Refer to Section 4.2 for further discussion.

Adjacent Properties

Carolina By-Products Company (also identified as CBP Resources, Inc.) located at 5533 South York Road and adjacent to the south of the subject site is identified in the LUST and LUST TRUST databases. This property is in an inferred hydrologically down-gradient location with respect to the subject site. According to the EDR report, a release to soil was reported during removal of a UST in August 1990 and the incident was closed in May 1991. Details regarding the release and closure information were not provided in the EDR report. AECOM reviewed the NCDENR UST database files for information regarding the former UST. According to the UST database, one 10,000-gallon diesel UST and one 8,000-gallon gasoline UST were removed from the property in August 1990. Petroleum

impacted soil was discovered during the UST removal activities; no groundwater impacted was encountered. The incident was considered low risk and the incident was closed by NCDENR in 1991. No other releases were reported. Based on the lack of groundwater impact, closed LUST incident, and inferred down-gradient hydrologic location, this property is not expected to represent a REC to the subject site.

Surrounding Properties

Forbes Road Well located approximately 5,200 feet north-northwest and hydrologically cross-gradient from the subject site, was identified as a HSDS site. No additional information was provided in the EDR report. However, based on distance considerations, inferred cross-gradient hydrologic location and regulatory oversight, this property is not expected to present a REC to the subject site.

Wood Road Drum Burial located approximately 4,650 feet east-southeast and hydrologically cross to down-gradient from the subject site, was identified as a HSDS site. No additional information was provided in the EDR report. Review of the topographic map indicates that the property may be located in a different drainage basin. Therefore, shallow groundwater from property is not expected to flow beneath the subject site. Based on inferred hydrologic location and regulatory oversight, this property is not expected to present a REC to the subject site.

MTE Hydraulics (108 Chickasaw Road) is identified in the EDR report on the SHWS, IMD, and Brownfields databases searched by EDR. This property is located approximately 4,800 feet to the north-northwest and hydrologically cross-gradient of the subject site. According to the EDR report, a release to soil and groundwater was discovered in June 1990 and the property is currently undergoing remediation by monitored natural attenuation. The property consists of a 9.76-acre parcel with known soil and groundwater impacts from historical site operations which included the manufacturing of hydraulic components and brake pads. The EDR report states that depending on analytical results, a possible no further action may be issued for the property subsequent to the next annual report. A Brownfields agreement has been finalized. Additional site-specific information regarding the release was not provided in the EDR report. However, based on distance considerations, inferred cross-gradient hydrologic location, and regulatory status, this property is not expected to present a REC to the subject site.

Based on their distance from the subject site, status (e.g., non-contamination-related listing, case closed), inferred hydrologic location, and/or regulatory oversight, the remaining surrounding properties identified in the EDR report are not expected to present a REC for the subject site.

4.2 Additional environmental records

Per Section 8.2.2 of the ASTM standard, local, and/or additional state or tribal sources of environmental records shall be reviewed to enhance and supplement the ASTM-required federal and state records reviewed and discussed in Section 4.1 of this report. These additional records/sources may include local records such as: lists of waste disposal sites; brownfields sites; lists of hazardous waste/contaminated sites; lists of registered storage tanks; local land records (for activity and use limitations); records of emergency release reports; and records of contaminated public wells. Local sources that may be contacted to obtain this information include: Department of Health/Environmental Division; Fire Department; Planning Department; Building Permit/Inspection Department; Local/Regional Pollution Control Agency, Local/Regional Water Quality Agency, and Local Electric Utility Companies (for records relating to polychlorinated biphenyls [PCBs]).

The subject site was not located on or within 1/2 mile of tribal lands. As a result, tribal records were not independently researched as a part of this assessment.

Per the ASTM Standard, approximate minimum search distances for additional records sources should not be less than those specified for standard records sources, but can be adjusted at the discretion of the environmental professional. Based on AECOM's observations during the site visit and information provided in the EDR report, no significant environmental concerns were identified associated with the adjacent properties; thus, additional state and local records not included within the EDR report were generally reviewed for the subject site only. Section 9 documents the departments contacted to request environmental information relative to the subject site. These inquiries may have been made in the form of telephone interviews, Freedom of Information Act (FOIA) requests, and/or in person discussions. The results of these inquiries are summarized in the following table:

Record source	Type of records	Comments
Federal		
United States Environmental Protection Agency (USEPA) Enforcement and Compliance History Online (ECHO) Database	Compliance history of subject site with respect to EPA regulatory programs, including EPA-approved, state-administered programs.	<p>December 2011 and January 2012: The subject site (5401 South York Highway) was identified on the EPA ECHO database. The subject site is listed as an active minor air permitted facility (not federally reportable), as an active minor NPDES permitted facility, and as an inactive RCRA generator. According to the database, the most recent compliance inspection in regards to the Clean Air Act (air) permit occurred in January 2011. No enforcement actions were noted in association with the air permit. The site received a notice of violation for air compliance in April 2010. The database report indicates that the subject site, as of November 12, 2011, is in compliance with its air permit. No compliance information was provided for the NPDES permit. The most recent compliance inspection in regards to RCRA occurred in February 2011. No violations or compliance issues were noted.</p> <p>Parcel B of the subject site, which is currently listed as 160 Wolfpack Road, was previously addressed as 5221 York Highway. The subject site was identified on the EPA ECHO database as Smith Textile Apron (5221 York Highway). The subject site is listed as an inactive minor air permitted facility. According to the database, a compliance inspection was never conducted at the site. No enforcement actions or violations were noted in association with the air permit. The database report indicates that the site's air permit status was permanently closed as of</p>

Record source	Type of records	Comments
		December 2011.
USEPA Envirofacts Database Online	Information regarding facility activities subject to federal permitting requirements.	<p>December 2011 and January 2012: The subject site (5401 South York Highway) was identified on the EPA Envirofacts database. The subject site is listed as an active minor air permitted facility (Source ID 37001STATE and 3707100326), as an active NPDES non-major permitted facility (Source ID NCG200451), and as an inactive unspecified RCRA generator (Source ID NCS000000515). The subject site is listed as having permitted discharges to water and air.</p> <p>Parcel B of the subject site, which is currently listed as 160 Wolfpack Road, was previously addressed as 5221 York Highway. The subject site was identified on the EPA Envirofacts database as Smith Textile Apron (5221 York Highway). The subject site is listed as an inactive minor air permitted facility (Source ID 3707100142) and on the Emission Inventory System, the North Carolina Facility Identification Template for States, and the National Emissions Inventory under similar Standard Industrial Classification Codes. The database report indicates that the site is inactive.</p>
State		
North Carolina Department of Environment and Natural Resources Underground Storage Tank Section	Information regarding AST, USTs and LUST cases.	<p>January 2012: Parcel B of the subject site, formerly addressed as 5221 York Highway, was identified on the UST database. The subject site was identified on the UST database as having two former USTs registered for the site. The tank owner is listed as Smith Textile Apron. Two 10,000-gallon capacity USTs were installed in January 1975 and September 1978. According to the database, one 10,000-gallon UST (installed in 1975) contained fuel oil and one 10,000-gallon UST (installed in 1978) contained gasoline. The USTs were removed from the ground in September 1992. Confirmatory samples were collected during the UST removal activities and no evidence of a release was reported. The USTs were closed out in January 1993 by NCDENR. For additional information regarding the former USTs, see Section 6.4.</p>

Record source	Type of records	Comments
		<p>No other addresses related to the subject site were identified on the AST, UST, or LUST databases.</p> <p>It should be noted that the metal recycling facility utilizes several ASTs onsite. The NC regulatory threshold for AST registration is 10,000-gallons of petroleum product. Therefore, in accordance with NC regulations, the facility is not required to register ASTs onsite.</p>
<p>North Carolina Department of Environment and Natural Resources Public Records Office (FOIA request)</p>	<p>Records relative to the subject site in the NCDENR files.</p>	<p>January 2012: AECOM contacted the NCDENR Air Quality Division, Surface Water Protection Division, and Hazardous Waste Division for information regarding permits (air emissions, stormwater, RCRA storage, etc.); reported spills/releases, or similar incidents; environmental reports submitted by the facility; agency inspection records, notices of violation, or non-compliance; or any other records relative to the subject site in the NCDENR files. According to the Public Record office, a file review at the Mooresville Regional Office would be necessary to obtain/review file information. An agency file review is considered out of scope for this ESA.</p>
<p>North Carolina Department of Environmental Health Public Water Supply Section</p>	<p>Information regarding consumer confidence reports, water quality reports, and water system information for the City of Gastonia</p>	<p>January 2012: AECOM searched the public water supply database information. This data is incorporated throughout the report as appropriate. No record of water wells were found for the subject site.</p>
County		
<p>Gaston County Director of Revenue</p>	<p>Property ownership, parcel information and identification, property history, size and type of buildings, deed and title information.</p>	<p>December 2011 and January 2012: AECOM accessed the online property database. This data is incorporated throughout the report as appropriate.</p>
<p>Gaston County Environmental Health Department</p>	<p>Pertinent environmental health-related information or information relative to water well and septic system records for the subject site.</p>	<p>January 2012: AECOM submitted a FOIA request to the Gaston County Environmental Health Department. According to a representative, the department has record of a septic tank and private water well located on Parcel A and connected to the modular office. The septic tank was installed in July 2000 and is</p>

Record source	Type of records	Comments
		<p>located on the northern side of the modular office. No information pertaining to the water well was available.</p> <p>The department has record of a septic tank and private water well located on Parcel C. The septic tank was installed in January 1962 and is located adjacent to York Road. Based on this information, AECOM presumes this septic tank was associated with a former residence that was located adjacent to a former barn on the northeastern portion of the parcel. No information pertaining to the water well was available.</p> <p>No other records of septic systems or water wells were available. However, Mr. Aho indicated that to his knowledge the existing residence utilizes a water well and septic system. Based on this information, AECOM presumes that a septic tank and water well are associated with the existing residence on Parcel C.</p> <p>The department did not have records related to septic systems or water wells located on Parcel B.</p>
Gaston County Fire Marshal's Office	Information in regard to recent fires, known fire hazards, spills/releases of hazardous materials, violations/non-compliance, and information about USTs/ASTs on the subject site.	January 2012: AECOM submitted a FOIA request to the fire department; however, at the time of this report no response has been received.
Gaston County Register of Deeds	Legal deeds	January 2012: AECOM reviewed legal deeds for the subject site. This information is incorporated throughout the report as appropriate.
City		
City of Gastonia Public Works Department	Information regarding municipal water and sewer services to the subject site.	January 2012: AECOM submitted a FOIA request to the public works department. According to a representative with the City of Gastonia Public Works Department, Parcel A is connected to municipal water and sewer is available to the site, however, is served by a private septic system and portable toilets. Water service was installed on the southern portion of Parcel A (along Robinson Road) in

Record source	Type of records	Comments
		<p>2008 for use with the shredder equipment. Parcel B is connected to municipal sewer and water. According to the representative, Parcel B was connected to municipal water in 1974.</p> <p>The department stated that municipal water is available to Parcel C; however, it is not currently connected. The department did not have records of municipal sewer connection at Parcel C.</p>
Rutherford Electric Membership Corporation	Information regarding electrical services to the subject site.	January 2012: AECOM submitted a FOIA request to the Rutherford Electric Membership Corporation; however, at the time of this report no response has been received.

4.3 Physical Setting Information

Based on a review of the U.S. Geological Survey (USGS) topographic map covering the subject site (Gastonia South quadrangle) and information provided in the EDR report, Parcel A is located at an elevation between 630 and 720 feet above mean sea level. The surface topography of Parcel A and immediately surrounding area is moderately to steeply sloping to the south towards Crowders Creek and to the southeast towards an unnamed tributary of Crowders Creek (known locally as Mill Creek). The tributary of Crowders Creek (Mill Creek) and Crowders Creek are located adjacent to the eastern and southern boundaries of Parcel A, respectively. Parcel B is located at an elevation between 715 and 730 feet above mean sea level. The surface topography of Parcel B and immediately surrounding area is gently sloping to the northeast towards Mill Creek. Parcel C is located at an elevation between 690 and 730 feet above mean seal level. The surface topography of Parcel C and immediately surrounding area is moderately to steeply sloping to the south and southwest towards Crowders Creek. Observation of the subject site topography corresponded with information presented on the topographic map.

According to the Geologic Map of North Carolina (North Carolina Geological Survey, 1985), the subject site lies in the Kings Mountain Belt of the Piedmont Physiographic Province. The underlying bedrock is composed of quartz-sericite schist with metavolcanic rock, quartz-pebble metaconglomerate, kyanite-sillimanite quartzite, and garnet-quartz rock. The Piedmont Physiographic Province is characterized by gently rolling topography and deeply weathered bedrock. Outcrops are present and are commonly restricted to stream valleys where saprolite has been removed by erosion.

According to U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) information reviewed online, Parcel A is predominately underlain by Cecil sandy clay loam, Lloyd sandy clay loam, Chewacla loam, and Pacolet sandy loam. Cecil sandy clay loam occurs on 2 to 8 and 8 to 15 percent slopes and is well drained with moderately high to high permeability. Lloyd sandy clay loam occurs on 2 to 8 and 8 to 15 percent slopes and is well drained with moderately high to high permeability. Pacolet sandy loam occurs on 15 to 25 percent slopes and is well drained with moderately high and high permeability. Chewacla loam occurs on 0 to 2 percent slopes and is somewhat poorly drained with moderately high to high permeability. According to the USDA NRCS soil survey, the northwestern portion of the parcel consists of Cecil sandy clay loam, the western

portion of the parcel consists of Lloyd sandy clay loam, the northeastern portion of the parcel consists of Pacolet sandy loam, and the eastern portion of the parcel consists of Chewacla loam.

Parcel B is underlain by Cecil sandy clay loam and Cecil-Urban land complex. The northern portion of the parcel consists of Cecil sandy clay loam and the southern portion of the parcel (developed with the existing buildings) consists of Cecil-Urban land complex. Cecil sandy clay loam occurs on 8 to 15 percent slopes and is well drained with moderately high to high permeability. Cecil-Urban land complex occurs on 2 to 8 percent slopes and is well drained with moderately high to high permeability.

Parcel C is predominately underlain by Cecil sandy clay loam, Cecil-Urban land complex, Pacolet sandy loam, and loamy Udorthents. Cecil sandy clay loam occurs on 2 to 8 and 8 to 15 percent slopes and is well drained with moderately high to high permeability. Cecil-Urban land complex occurs on 8 to 15 percent slopes and is well drained with moderately high to high permeability. Pacolet sandy loam occurs on 15 to 25 percent slopes and is well drained with moderately high and high permeability. Loamy Udorthents occurs on hill slopes on ridges and is well drained with very low to high permeability. The northern and central portions of the parcel consist of Cecil sandy clay loam, the southeastern portion of the parcel consists of loamy Udorthents, and the southwestern portion of the parcel consists of Pacolet sandy loam.

According to the USDA NRSC soil survey, depth to bedrock at the subject site is greater than 80 inches below ground surface (bgs) and depth to groundwater is reported to be greater than 80 inches bgs. Actual depth to and groundwater flow direction in the vicinity of the subject site cannot be determined accurately without groundwater monitoring well data; however, based on review of the USGS topographic map and AECOM's site inspection, it is presumed that groundwater at Parcel A would flow to the south towards Crowders Creek and to the southeast towards Mill Creek. Groundwater at Parcel B is presumed to flow to the northeast towards an unnamed tributary of Crowders Creek. Groundwater at Parcel C is presumed to flow to the south and southwest towards Crowders Creek.

According to the National Wetland Inventory information provided in the EDR report, a small area of federally designated wetlands are located on the eastern portion of Parcel A. The eastern portion of Parcel A consists of wooded land comprised of pines and mixed hardwoods. The surface topography of Parcel A slopes gently to the east towards Mill Creek, located adjacent to the eastern boundary of Parcel A. No federally designated wetlands were located on Parcels B or C.

According to the Federal Emergency Management Agency floodplain information provided in the EDR report, the eastern portion of Parcel A and the southern portion of the parcel located to the south of Robinson Road are within the 500-year flood zone. Parcels B and C are not located within a 500-year flood zone.

Storm water, which does not infiltrate into the unpaved portions of Parcel A, is routed to one of three detention/retention ponds onsite prior to discharging to Mill Creek. For clarification purposes, a detention pond is designed to temporarily hold water while slowly draining to another location and a retention pond is designed to hold a specific amount of water indefinitely. There are three primary storm water drainage areas on the parcel. Storm water from the northern portion of the parcel flows to a fore bay, which collects sediments and solids, prior to entering the large detention basin. Storm water from the turnings storage area is directed to an oil/water separator and then flows to a retention pond. Storm water from the torching area is collected in an infiltration pond that does not discharge. Storm water from the shear and shredder areas is directed to an oil/water separator prior to entering a detention pond. AECOM was unable to inspect the creek, due to the steep slope and dense

vegetation of the eastern side of the parcel. However, there was heavy rainfall at the time of the site visit and AECOM was able to observe the storm water flow directions and effectiveness of the Best Management Practices (BMP) controls. The BMP controls appeared to be effective and no oily sheens or petroleum odors were noted on the surface water present in the in the detention/retention ponds. It should be noted that an oily sheen was noted on standing water in the vicinity of the shear.

Storm water, which does not infiltrate into the unpaved portions of Parcel B, either leaves the site as sheet flow and/or is directed to grass-lined drainage swales located along the southeastern and southwestern boundaries of the parcel (adjacent to Wolfpack Road and York Highway, respectively). At the time of the site reconnaissance, the storm water drainage swales were dry. No staining or stressed vegetation was observed associated with the drainage swales. No holding ponds, treatment ponds or permanent surface water bodies were observed on Parcel B.

Storm water, which does not infiltrate into the unpaved portions of Parcel C, either leaves the site via sheet flow and/or is directed to a grass-lined drainage swale located along the northeastern and eastern boundaries of the parcel, adjacent to York Highway. At the time of the site reconnaissance, the storm water drainage swale was dry. No staining or stressed vegetation was observed associated with the drainage swale. No holding ponds, treatment ponds or permanent surface water bodies were observed on Parcel C.

4.4 Historical Use Information on the Subject Site and Adjacent Sites

Information pertaining to historical uses of the subject site and surrounding areas was obtained from the following publicly available and readily reviewable sources:

- Aerial photographs dated 1961, 1971, 1973, 1984, 1989, 1994, 1999, 2005, 2006, and 2008 obtained from EDR;
- Aerial photograph dated 2010 was reviewed online from Google Earth;
- Topographic maps dated 1947, 1973, 1984, and 1993 obtained from EDR;
- City Directory report information for the years 2001, 2006, and 2011 obtained from EDR;
- Assessor parcel information obtained from the Gaston County Director of Revenue;
- Previous environmental reports; and,
- Interviews with subject site representatives and site reconnaissance.

Note that per EDR, Sanborn[®] fire insurance map coverage was not available for the subject site and surrounding area. Additionally, city directories were only available for Parcel A for 2001, 2006, and 2011 and city directories were not available for the surrounding area prior to 2001.

Information regarding the subject site and surrounding properties obtained from the specific historic information sources listed above is included in the table below:

Chronological History of Subject Site and Adjacent Property Use

Date(s)	Type of Document(s)	Description
1947	Topographic Map	<p>Subject site (Parcel A): Parcel A appears to consist of open, cleared land and wooded land. A residential-sized structure is visible near the northern portion of the parcel. A railroad line is depicted adjacent to the west of the parcel. An improved road (present day Robinson Road) is present across the southern portion of the parcel.</p> <p>Subject site (Parcel B): Parcel B appears to consist of open, cleared land. No structures are visible on the parcel.</p> <p>Subject site (Parcel C): Parcel C appears to consist of open, cleared land. No structures are visible on the parcel.</p> <p>Adjacent properties: The adjacent properties appear to consist of open, cleared land and wooded land with exception of the northwest adjacent property which appears to be occupied by several residential-sized structures. York Highway and a railroad line are shown on the map in their present day locations. Crowders Creek and the unnamed tributary of Crowders Creek are depicted in their present day locations.</p>
1961	Aerial Photograph	<p>Subject site (Parcel A): Parcel A appears to consist of open, cleared land and wooded land. A residential-sized structure and an unimproved road that extends from the residence to the east are visible near the northern portion of the parcel; however, site specific details are not discernible due to the photograph's scale and resolution. A railroad line is depicted adjacent to the west of the parcel. An improved road (present day Robinson Road) is present across the southern portion of the parcel.</p> <p>Subject site (Parcel B): Parcel B appears to consist of open, cleared land. No structures are visible on the parcel.</p> <p>Subject site (Parcel C): Parcel C appears to consist of open, cleared land. Residential-sized structures appear to be present near the northeastern portion of the parcel; however, site specific details are not discernible due to the photograph's scale and resolution.</p> <p>Adjacent properties: The adjacent properties appear to consist of open, cleared land and wooded land. Residential-sized structures are visible to the northwest of Parcel A. Commercial development (present day CBP</p>

Date(s)	Type of Document(s)	Description
		Resources facility) is visible to the south of Parcel A. Residential-sized structures are visible to the northwest of Parcel C. York Highway and a railroad line are visible on the map in its present day location.
1971, 1973	Aerial Photographs, Topographic Map	<p>Subject site (Parcel A): Parcel A appears to consist of wooded land with the exception of the northwestern portion of the parcel, which consists of open, cleared land. A residential-sized structure is visible on the northern portion of the parcel.</p> <p>Subject site (Parcel B): In the 1971 aerial photograph, the parcel is occupied by open, cleared land. In the 1973 maps, the office/dry storage warehouse is visible on the parcel and an improved road (present day Wolfpack Road) is present to the southeast.</p> <p>Subject site (Parcel C): Residential-sized structures are present near the northeastern and eastern portions of the parcel.</p> <p>Adjacent properties: The adjacent properties consist of open, cleared land and wooded land. Residential-sized structures are visible to the northwest of Parcel A. Expanded development of the present day CBP Resources facility is visible to the south of Parcel A. Residential-sized structures and an improved road (present day Elizabeth Drive) are visible to the northwest of Parcel C.</p>
1984	Topographic Map, Aerial Photograph	<p>Subject site (Parcel A): Parcel A appears unchanged in the 1984 maps; however, site specific details are not discernible due to the photograph's scale and resolution.</p> <p>Subject site (Parcel B): The storage building is visible on the parcel.</p> <p>Subject site (Parcel C): Parcel C appears unchanged in the 1984 maps; however, site specific details are not discernible due to the photograph's scale and resolution.</p> <p>Adjacent properties: Expanded commercial development is visible to the north and northeast of Parcel A and expanded residential development is present to the northwest of Parcel C. The remaining adjacent properties appear unchanged.</p>
1989	Aerial Photograph	<p>Subject site (Parcel A): Parcel A appears to be undergoing development and a road that extends from Robinson Road is visible across the central portion of</p>

Date(s)	Type of Document(s)	Description
		<p>the parcel. No buildings or structures are visible on the parcel; however, site specific details are not discernible due to the photograph's scale and resolution.</p> <p>Subject site (Parcel B): Parcel B appears unchanged in the 1989 map; however, site specific details are not discernible due to the photograph's scale and resolution.</p> <p>Subject site (Parcel C): Parcel C appears unchanged in the 1989 map; however, site specific details are not discernible due to the photograph's scale and resolution.</p> <p>Adjacent properties: The adjacent properties appear similar to the previous aerial year; however, site specific details are not discernible due to the photograph's scale and resolution.</p>
1990, 1993, 1994, 1999, 2001	Gaston County Director of Revenue, Topographic Map, Aerial Photographs, City Directory	<p>Subject site (Parcel A): In the 1994 aerial photograph, Parcel A appears to be developed in the northern portion of the parcel. Several small structures appear to be visible on the parcel; however, site specific details are not discernible due to the photograph's scale and resolution. According to Gaston County property record cards, the scales and a scale house building were constructed in 1990. The baler shed and maintenance building were constructed in approximately 1993. City directories list Parcel A as State Line Scrap Metal, Inc. (recycling center) and Clover Scrap Metals Recycling (5401 South York Highway).</p> <p>Subject site (Parcel B): Parcel B appears unchanged in the 1994 aerial photograph. The layout of the parcel appears similar to the existing conditions observed on the day of the site inspection. The parcel address was not identified in the city directory.</p> <p>Subject site (Parcel C): Parcel C appears unchanged in the 1994 aerial photograph. The parcel address was not identified in the city directory.</p> <p>Adjacent properties: The adjacent properties appear similar to the previous aerial year; however, additional commercial development has occurred to the northwest and northeast of Parcel A.</p>
2005, 2006	Aerial Photographs, Gaston County Director of Revenue, City Directory	<p>Subject site (Parcel A): Expanded development of Parcel A has occurred along the western portion of the parcel. The shear equipment and modular scale house office have been added in 2005. City directories list Parcel A as State Line Scrap Metal, Inc. (recycling center) (5401 South York</p>

Date(s)	Type of Document(s)	Description
		<p>Highway).</p> <p>Subject site (Parcel B): Parcel B appears unchanged in the 2005 and 2006 aerial photographs. The parcel address was not identified in the city directory.</p> <p>Subject site (Parcel C): Parcel C appears unchanged in the 2005 and 2006 aerial photographs. The parcel address was not identified in the city directory.</p> <p>Adjacent properties: The adjacent properties appear similar to the previous aerial year.</p>
2008	Aerial Photograph	<p>Subject site (Parcel A): Parcel A appears to be undergoing development in the northwestern portion of the parcel. The warehouse in the turnings storage area appears to be present in the 2008 aerial photograph. The layout of the remainder of the parcel appears similar to the 2006 aerial photograph.</p> <p>Subject site (Parcel B): Parcel B appears unchanged in the 2008 aerial photograph.</p> <p>Subject site (Parcel C): Parcel C appears unchanged in the 2008 aerial photograph.</p> <p>Adjacent properties: The adjacent properties appear similar to the previous aerial year.</p>
2009, 2010, 2011	Gaston County Director of Revenue, Google Earth, City Directory	<p>Subject site (Parcel A): The shredder equipment and control building were constructed in 2009. The northwestern portion of Parcel A has been developed as a gravel parking lot used for trailer truck parking. The retention ponds on the northern and southern portions of the parcel have been constructed. The layout of the parcel appears similar to the existing conditions observed on the day of the site inspection. City directories list Parcel A as State Line Scrap Metal, Inc. (recycling center) (5401 South York Highway).</p> <p>Subject site (Parcel B): Parcel B appears unchanged in the 2010 aerial photograph. The layout of the parcel appears similar to the existing conditions observed on the day of the site inspection. The parcel address was not identified in the city directory.</p> <p>Subject site (Parcel C): Parcel C appears unchanged in the 2010 aerial photograph. The layout of the parcel appears similar to the existing conditions observed on the day of the site inspection; however, the barns</p>

Date(s)	Type of Document(s)	Description
		<p>visible in the aerial photograph have been razed and were present onsite. The parcel address was not identified in the city directory.</p> <p>Adjacent properties:</p> <p>The adjacent properties appear similar to the previous aerial year.</p>

Per ASTM, historical sources must be reviewed dating back to 1940 or first developed use, whichever is earlier. AECOM was not able to document historical sources dating to the first developed use. Review of historical records indicate that Parcel A was occupied by a single-family residence from at least 1961 until approximately 1989. In 1990, the western portion of the parcel was developed by Clover Scrap Metals Recycling as a metal recycling facility. In approximately 1992, State Line Scrap Metal began leasing the parcel from Clover Scrap Metals Recycling. In 2010, Mill Creek Management, LLC acquired the parcel and State Line Scrap Metal continued its lease. Reviews of historical records indicate that Parcel B was historically occupied by wooded land until 1973 when the existing buildings were constructed by Smith Textile Apron Company as a manufacturer of plain and spiked aprons, picker teeth, and conveyor belting for the textile industry. Ownership and operations remained the same from 1973 until approximately 1996, at which time the site was leased as office and warehouse space. In 2010, Mill Creek Management, LLC acquired the parcel and State Line Scrap Metal began lease of the property for office and warehouse use. Reviews of aerial photographs indicate that Parcel C has historically been utilized for residential purposes since at least 1961. A former residence and associated barn were formerly located on the parcel; however, they were razed in approximately 2010. It is AECOM's opinion that this data gap is not expected to represent a significant limitation to this investigation.

Per ASTM, past owners, operators, and occupants of the subject site, who are likely to have material information regarding the potential for contamination at the subject site, shall be contacted to the extent that they can be identified and that the information likely to be obtained is not duplicative of information already obtained from other sources. Interviews with such individuals, if available, are presented in Section 5.0 of this report.

Historical off-site sources of concern were not identified based on AECOM's historical research. Off-site sources of concern identified from other sources as part of this ESA were identified and discussed in Section 4.1.

4.5 Previous Environmental Reports

Two environmental reports were provided by State Line Scrap Metal for AECOM's review.

Report of Phase I Environmental Site Assessment, Approximately 42.2 Acre Tract, 5401 South York Highway, Gastonia, North Carolina, by ECS, Ltd., April 2003.

AECOM reviewed a Phase I Environmental Site Assessment (ESA) prepared for Clover Metal Recycling by Engineering Consulting Services, Ltd. (ECS) in April 2003. *The Phase I ESA was performed solely for Parcel A.* Review of the report indicates that stained areas were observed in the vicinity of the ASTs, a gravel parking area, on the ground surface in the vicinity of the shear, and on concrete pads and floors. These minor stained areas were noted to be less than five feet in diameter and appeared to be surficial. The stained areas were not considered to represent a "potential source

of significant contamination or a recognized environmental condition of the site". The report documents that a file review was conducted for the south adjacent property, Carolina By-Products located at 5533 South York Highway. According to the report, two USTs (8,000-gallon gasoline and 10,000-gallon diesel) and two associated fuel dispensers were removed in August 1990 and a release to soil was discovered. Based on soil sample results, the soil impacts were limited to soils immediately beneath the UST excavation. Reviews of the figures presented in the closure report indicate that the UST system was located at least 600 feet to the south of the site. A letter prepared by the NCDENR and dated May 16, 1991, stated that no further action was required for the incident. Based on the distance and inferred groundwater flow direction, the release was not considered to represent a REC to the site. The Phase I ESA revealed no evidence of RECs in connection with the site. No recommendations were provided in the Phase I ESA report.

Phase I Environmental Site Assessment Report, Dan Dee Enterprizes, 160 Wolfpack Road, Gastonia, North Carolina, by ECS Carolinas, LLP, May 2010.

AECOM reviewed a Phase I Environmental Site Assessment (ESA) prepared for Mill Creek Management, LLC. by ECS Carolinas, LLP (ECS) in May 2010. *The Phase I ESA was performed solely for Parcel B.* At the time of the report, the site was occupied by Smith Textile Apron and was used as office space. Previous operations at the site included manufacturing and distribution of conveyor belting and plain and spiked aprons. According to the report, no hazardous materials were used during the former manufacturing process and no hazardous materials were stored onsite at the time of the 2010 report. The report documents that a *Report of Tank Closure at Smith Textile Apron by Enviro-Tank, Inc.*, dated October 5, 1992, was reviewed. In September 1992, one 10,000-gallon fuel oil UST and one 10,000-gallon gasoline UST were removed from the site and confirmatory samples were collected during UST removal activities. Three soil samples were collected from beneath the gasoline UST and analyzed using EPA Method 5030. Two samples were collected from beneath the fuel oil UST and analyzed using EPA Method 5030 and 3550. All of the soil samples were reportedly below laboratory detection limits. Based on the results of the closure report, the former USTs were not considered a REC to the site by ECS. The Phase I ESA revealed no evidence of RECs in connection with the site. No recommendations were provided in the Phase I ESA report.

5.0 Interviews

5.1 Interview with Current Subject Site Owner

The subject site is currently owned by Mill Creek Management, LLC and is leased by State Line Scrap Metal, LLC. Mr. Michael Aho, President, is employed by and was interviewed as a representative of State Line Scrap Metal, LLC. Mr. Aho has been familiar with the subject site since approximately 1995. Information from this interview has been incorporated, as appropriate, throughout this report.

5.2 Interview with Past Owners, Operators, and Occupants

Per ASTM, past owners, operators, and occupants of the subject site, who are likely to have material information regarding the potential for contamination at the subject site, shall be conducted to the extent that they can be identified and that the information likely to be obtained is not duplicative of information already obtained from other sources. AECOM obtained historical property information from site representative and publicly available information. This information is primarily discussed in Section 4.4, as well as other pertinent areas of this report. Thus, based on historic use of the subject site and surrounding area, and because interviews with additional past owners of the subject site were likely to provide duplicative information, additional past owners were not contacted. This data gap is not expected to represent a significant limitation to this investigation.

5.3 Interview with Site Manager

AECOM interviewed Mr. Aho, President, who escorted AECOM on the subject site tour. Mr. Aho has been associated with the facility for approximately 17 years. Information from this interview has been incorporated, as appropriate, throughout this report.

5.4 Interviews with Government Agencies

Interviews with local government agencies were conducted in conjunction with the review of additional regulatory records. Information obtained through these interviews is primarily discussed in Section 4.2, as well as other pertinent areas of this report.

6.0 Site Reconnaissance

6.1 Methodology

AECOM representative, Ms. Jennifer Jones, Project Manager, conducted a site reconnaissance of the subject site on December 7, 2011. AECOM's objectives were to visually inspect the area for potential evidence of site contamination and the presence of hazardous or regulated substances. AECOM accomplished these objectives through a site inspection (visual observation), interviews, and record reviews.

6.2 Hazardous Materials and Petroleum Products Use/Storage

During the site reconnaissance, AECOM observed various petroleum products as described below, by location. No other hazardous materials were observed to be stored onsite.

Parcel A:

The facility uses various types of oil throughout the scrap yard, and generates used oil during maintenance of equipment at the subject site. All of the observed building floors in the indoor petroleum storage areas consisted of concrete and appeared to be in good condition with no evidence of severe cracking or pitting. No floor drains or sumps were observed or reported inside the subject site buildings. New oils and lubricants were stored within the facility's maintenance building and the support building associated with the shredder. The new oil and lubricant products at the subject site were observed to be containerized to minimize the potential for a release and oil storage areas were observed to be maintained in good condition. No secondary containment was associated with these storage areas.

During the site reconnaissance, AECOM observed small containers (less than five gallons in capacity) and two 35-gallon drums of motor oil, hydraulic oil, synthetic lubricant, and gear oil were stored on shelves and directly on the concrete floor in the maintenance building. De minimis staining was observed on the concrete floor of the maintenance building; however, the concrete floor appeared to be in good condition and no cracks in the concrete were observed in the vicinity of the staining. No parts washers were observed within the maintenance building. Two 275-gallon totes containing used oil and hydraulic fluid were stored outdoor on a steel-framed storage rack located underneath a canopy and adjacent to the maintenance building. De minimis staining was observed on the concrete surface adjacent to the oil storage rack and minor cracks in the concrete were observed in the vicinity of the staining. No floor drains or sumps were observed or reported inside the maintenance building.

During the site reconnaissance, AECOM observed five 55-gallon drums (stored on wooden pallets) and two 275-gallon totes containing motor oil and used oil located on the concrete surface adjacent to the support building associated with the shredder. Two 55-gallon drums containing hydraulic oil were stored on the concrete surface within the hydraulic pump room. The concrete surfaces were in good condition and no cracks in the concrete were observed. Additionally, no staining or other indications of spills or leakage were noted on the concrete surfaces in the vicinity of the drums and containers. No floor drains or sumps were observed or reported inside the support building.

Processing machinery utilized at the site includes a shear, a shredder, and a baler equipped with aboveground reservoirs containing hydraulic oil. The baler is equipped with a 1,000-gallon reservoir, the shear is equipped with a 1,500-gallon reservoir, and the shredder is equipped with a 600-gallon reservoir. Absorbent materials are maintained near the equipment to respond to hydraulic fluid leaks. The equipment is situated on concrete pads approximately four feet thick and catch pans are located underneath the reservoir units. Staining was observed adjacent to the shear equipment and the hydraulic oil reservoir associated with the shear. An oily sheen was noted on standing water in the vicinity of the shear. The concrete pads located underneath the fixed equipment and the concrete surfaces in the processing and storage areas appeared to be in good condition; however, due to the extent to which dirt and debris cover exterior concrete surfaces at the site, it was difficult to inspect the integrity of the concrete surface in these areas.

According to Mr. Aho, tractor-trailer maintenance and truck washing is not conducted onsite. Mr. Aho stated that Salem Leasing in Charlotte, North Carolina performs fleet maintenance offsite. Minor maintenance of small and large mobile equipment, including fork trucks, cranes, backhoes, etc., is performed onsite in either the maintenance building or on the concrete pad in the shredder area. Used oil generated during equipment maintenance is transferred to the used oil totes and the used oil AST. Waste disposal practices are discussed in Section 6.3 below.

Parcel B:

Three empty 55-gallon plastic drums, three 5-gallon buckets containing an oily substance, one 55-gallon drum containing an oily substance, and one, uncovered partially full bucket containing an oily substance were observed in an alcove located on the northeast side of the office/dry storage warehouse. The alcove shelters two compressors, previously utilized by the former occupants. The drums and containers were stored directly on the concrete surface. Two areas of staining (approximately 15 square feet each) were noted on the concrete in the vicinity of the oil storage and underneath the compressors. However, the concrete floor was in good condition and no cracks in the concrete were observed in the vicinity of the staining. No staining or stressed vegetation was noted on the adjacent ground surface.

A boiler room, located adjacent to the alcove, contains a boiler previously utilized by the former occupants. One, empty 55-gallon plastic drum (assumed to have previously contained boiler treatment) and two approximate 15-gallon containers of an oily substance were observed in the boiler room. The drum and containers were stored directly on the concrete surface. No staining was noted in the vicinity of the containers. A linear floor drain, which discharges to the sanitary sewer, was noted in the boiler room. No staining or other indications of spills were noted on the concrete floor in the vicinity of the floor drain, although the boiler appeared to be leaking and water was draining to the floor drain.

Parcel C:

Parcel C was occupied by a single-family residence. On the day of the site inspection, the residence was occupied, but the tenant was unavailable, and AECOM was unable to access the interior of the residence. It is likely that the residence contains small quantities of typical household hazardous materials such as cleaners, petroleum products, etc. These materials are likely stored in typical household-sized containers (less than 5 gallons). However, as noted, AECOM was unable to confirm this presumption.

6.3 Hazardous/Solid Waste

According to information obtained from EDR and the site contact, the subject site is not currently a generator of hazardous waste.

Parcel A:

According to Mr. Aho, the metal recycling facility enforces a scrap acceptance policy that rejects unacceptable materials including, but not limited to, PCB capacitors and ballasts, chlorofluorocarbons, mercury switches, radioactive materials, flammable materials, batteries, and non-metal items. The facility also requires that fluids be drained from transmissions, engines, and other equipment; tanks, drums, and other containers must be emptied; and batteries, pressurized vessels, potential PCB materials, and mercury light switches must be removed from all automobiles and white goods prior to acceptance to the facility. Vehicles that are brought to the site are pre-processed and ready for shredding. Dismantling of vehicles is not regularly performed onsite.

Batteries, mercury switches, and capacitors are required to be removed from automobiles and other items prior to acceptance to the facility. However, minimal quantities of these materials are encountered (or shipped from the facility in Marion, North Carolina) and are containerized and stored onsite in the warehouse. Mr. Aho stated that these materials have accumulated since the Marion facility has been operating (approximately 5 months) and that State Line Scrap Metal facility has not accumulated enough material to require disposal of these materials to date. It should be noted that these materials are considered regulated universal waste and that the metal recycling facility is not currently classified as a generator of hazardous waste. However, in accordance with state and federal regulations, universal wastes should be properly labeled, containerized, dated, and shipped off-site within one year of generation.

Solid wastes are accumulated in a roll-off dumpster stored along the western boundary of the scrap yard. The solid waste consists of general refuse and non-hazardous solid waste items such as plastics, office wastes, and cardboard. No staining was noted in the vicinity of the dumpster. Mr. Aho stated that fuel filters, generated during fixed and mobile equipment maintenance, are also drained and disposed of with the solid waste. The solid waste is picked up twice per week by Republic Services of Gastonia, North Carolina.

Various types of ferrous and non-ferrous metal products are brought onto the site to be segregated, cut, shredded, sorted, baled, and transported to steel and/or alloy mills. The segregated piles of metal are stored in designated areas throughout the scrap yard. Non-ferrous material is stored in the baler shed; turnings are stored in the turnings storage area; stainless material is stored to the south of the maintenance building; heavy iron and unprepared scrap is stored in the torching area; miscellaneous ferrous and heavy iron are stored in the shear area; and unprepared scrap and automotive shredder residue (ASR) are stored in the shredder area. The majority of the materials are stored in bins or in piles on concrete pads (located in the baler area, turnings storage area, torching area, and the shredder area). Storm water BMPs have been implemented onsite to minimize contact of materials with storm water and storm water contamination.

According to Mr. Aho, sediment from the retention pond is removed on an as-needed basis and is picked up by Republic Services for offsite disposal at the Upstate Regional Landfill in Enoree, South Carolina. No documentation was provided regarding the characteristics of the pond sediment,

although Mr. Aho stated that testing had previously been completed and it was determined this material was not hazardous.

Waste samples are collected from ASR on a quarterly basis by W.Z. Baumgartner & Associates, Inc. Composite samples are collected and analyzed for all eight Toxicity Characteristic Leaching Procedures extractable heavy metals, extractable cadmium and lead, and PCB concentration. Based on the special waste profile certification, the ASR is picked up by Republic Services for offsite disposal at the Upstate Regional Landfill in Enoree, South Carolina and at the Foothills Environmental Landfill in Lenoir, North Carolina. Review of the most recent analytical results indicates that the ASR samples do not exceed applicable screening limits.

Three oil/water separator systems, associated with the turnings storage area and the shredder area, are located onsite. Storm water runoff from these areas is directed to the oil/water separators, which collect residual oil and grease and the water discharges to either of the associated retention/detention ponds. The oil/water separator system located to the east of the turnings storage area consists of an aboveground tank located underneath a metal roof and is not equipped with a lid. The system drains to a 275-gallon tote stored on a gravel surface adjacent to the tank. At the time of the site visit, there was heavy rainfall and standing water was observed in the area surrounding the tank. Based on observed topography and review of the facility's Storm Water Pollution Prevention Plan (SWPPP), this discharge drains to the retention pond located farther to the south. No surface staining was observed on the ground surface adjacent to the oil/water separator system and no sheen was observed on the standing water. The two oil/water separators located adjacent to the shredder area consist of below ground tanks. The dimensions of the tanks are approximately 20 feet x 8 feet x 5 feet and were installed in approximately 2009 near the northeastern and southwestern ends of the detention pond. Mr. Aho stated that the oil/water separators are equipped with oil skimmers, which dump into 250-gallon vats. According to Mr. Aho, the oil/water separators are pumped out as-needed by Diversified Recycling, Inc., of Rock Hill, South Carolina and/or Haz-Mat Environmental of Charlotte, North Carolina.

Used oil is stored in 275-gallon totes located at the maintenance building and the shredder. Used oil is also stored in a 500-gallon AST located to the south of the modular office. The used oil is picked up as-needed for offsite disposal by Diversified Recycling, Inc., of Rock Hill, South Carolina.

Mr. Aho stated that soil in the torch area and the shear area is excavated approximately every two years for removal and screening. The soil is excavated to approximately 18 inches below ground surface or to native soil and crushed asphalt, concrete, or slag is placed on top of the native soil. The soil is run through the shredder to reclaim residual ferrous and non-ferrous material. Subsequent analysis of the soil is not performed; however, the soil is mixed with the ASR and the ASR is submitted for analysis prior to off-site disposal. Mr. Aho stated that the most recent soil excavation occurred in the torch area in November 2011.

Parcel B:

No evidence of hazardous waste generation was observed or reported at the site. However, general refuse is collected in receptacles at the site and combined with solid waste generated at Parcel A.

Parcel C:

No evidence of hazardous waste generation was observed or reported at the site. Residential solid waste was observed to be actively generated and stored on the property.

6.4 Underground Storage Tanks

AECOM did not observe evidence of current USTs (i.e., vent pipes, fill ports, etc.) at the subject site during the site reconnaissance. The site contact indicated that he was not aware of USTs currently located at the subject site. Furthermore, no records of potential USTs were discovered during the ESA activities.

However, review of the NCDENR UST database indicates that two former USTs were previously located on Parcel B and the tank owner is listed as Smith Textile Apron. No records of other current or former USTs were discovered during the ESA activities. It should be noted that review of historical records indicates that the address for Parcel B was previously listed as 5221 York Highway.

According to the records reviewed, two 10,000-gallon capacity USTs were installed in January 1975 and September 1978. The USTs were formerly located along the northeast side of the office/dry storage warehouse (see Figure 2b). According to the database, one 10,000-gallon UST (installed in 1975) contained fuel oil and one 10,000-gallon UST (installed in 1978) contained gasoline. The USTs were removed from the ground in September 1992. Confirmatory samples were collected during the UST removal activities. Three soil samples were collected from beneath the gasoline UST and analyzed using EPA Method 5030. Two samples were collected from beneath the fuel oil UST and analyzed using EPA Method 5030 and 3550. All of the soil samples were below laboratory detection limits. The USTs were closed out in January 1993. Based on the removal of the USTs and results of the closure report, the former USTs are considered a historical REC to the subject site.

6.5 Aboveground Storage Tanks

Parcel A was observed to have six ASTs. In accordance with state and federal regulations, the facility does have a Spill Prevention Control and Countermeasures Plan, which was reviewed by AECOM. No ASTs were observed associated with Parcel B and C. Figure 2a shows the location of all ASTs observed.

One 500-gallon used oil AST was situated within a concrete-diked secondary containment unit located to the south of the modular office. Staining was observed on the concrete surface within the containment unit; however, no significant cracks were observed in the concrete. Rainwater was noted within the containment unit; however, no sheen was observed on the water. The tank appeared to be in fair to good condition with no visible evidence of concern such as surface pitting or cracks. No surface staining was noted on the paved ground surface adjacent to the storage unit.

One 3,000-gallon diesel AST was located to the south of the maintenance building. The diesel AST is a double-walled tank located on skids and is situated on the ground surface. According to Mr. Aho, a landfill liner is located underneath the AST. The tank appeared to be in good condition with no visible evidence of concern such as surface pitting or cracks. Minor staining was observed on the ground surface in the vicinity of the AST; however, no evidence of leaks or significant spills was observed.

One 1,200-gallon diesel AST was located to the west of the shear equipment. The diesel AST is a double-walled tank located on skids and is situated on a gravel surface. Concrete barricades are located on each side of the AST. The tank appeared to be in good condition with no visible evidence of concern such as surface pitting or cracks. Minor staining was observed on the ground surface in the vicinity of the AST; however, no evidence of leaks or significant spills was observed.

One 500-gallon liquefied propane tank was located in the torching area. Bollards were located around the tank and the tank appeared to be in good condition. Due to the nature of propane (a gas at normal temperature and atmospheric pressure), this AST is not considered a significant concern. Additionally, one approximate 35,000-gallon AST containing water was located in the shredder area and one approximate 15,000-gallon AST containing water was located in the torching area.

No other readily apparent evidence of ASTs was identified or reported on the subject site during the site reconnaissance and historical research. No records of spills or incidents were identified on the EDR database report.

6.6 Polychlorinated Biphenyls

For informational purposes, PCBs containing dielectric fluids have been widely used as coolants and lubricants in transformers, capacitors, and other electric equipment due to their insulating and nonflammable properties. The production of PCBs in the United States began in 1929 and ended in 1977.

6.6.1 Transformers

During the site visit, AECOM observed three pad-mounted transformers on Parcel A, adjacent to the shredder. The transformers were not labeled as to PCB content; however, they were installed in approximately 2009. The transformers appeared to be in good condition and no evidence of leaks or ground surface stains were noted in the vicinity of the transformers. Mr. Aho stated that two of the pad-mounted transformers are owned by State Line Scrap Metal and one pad-mounted transformer is utility owned. One pad-mounted transformer was also located in the shear area. The transformer was not labeled as to PCB content; however, it appeared to be in good condition with no evidence of leakage. The transformer is reported by site representatives to be owned and maintained by Rutherford Electric Membership Corporation and was installed in approximately 2005.

Additionally, several pole-mounted transformers were observed adjacent to onsite buildings on Parcel A. Labeling as to PCB content was not apparent on the transformers; however, they were in good condition and no evidence of leaks or ground surface stains were noted in the vicinity of the transformers. The pole-mounted transformers are reported by site representatives to be owned and maintained by Rutherford Electric Membership Corporation.

One pad-mounted transformer was observed on Parcel B, adjacent to the northeast side of the office/dry storage warehouse. The transformer was not labeled as to PCB content; however, it appeared to be in good condition and no evidence of leaks or ground surface stains were noted in the vicinity of the transformer. Mr. Aho stated that the pad-mounted transformer is utility owned.

Two pole-mounted transformers were observed on Parcel C along the northeastern boundary of the parcel. Labeling as to PCB content was not apparent on the transformers; however, they were in good condition and no evidence of leaks or ground surface stains were noted in the vicinity of the transformers. The pole-mounted transformers are reported by site representatives to be owned and maintained by Rutherford Electric Membership Corporation.

6.6.2 Fluorescent Light Ballasts

Fluorescent light ballasts contain capacitors that may be filled with PCB-containing dielectric fluid. Typically, light ballasts without labeling stating "No PCBs" will contain PCBs. Inspection of individual light fixtures is beyond the scope of this assessment. Based upon the earliest approximate age of the

structures on Parcel B (1973), it is possible that light ballasts at Parcel B contain PCBs. It is unlikely that fluorescent light ballasts are present in the private residence on Parcel C; however, based on the age of the structure (1957), it is possible that light ballasts would contain PCBs.

6.6.3 Hydraulic Equipment

PCBs have also historically been associated with hydraulic oils. Hydraulic equipment observed during the site reconnaissance included the machinery/equipment onsite, and the subject site stores approximately 3,500 gallons of hydraulic fluid onsite. Based on the earliest age of the machinery/equipment located onsite (approximately 1990), any hydraulic oil used is unlikely to contain PCBs. However, it is possible that scrap material stored and processed onsite may contain PCBs. During the site visit, AECOM observed oily stains on the concrete and ground surface in the vicinity of the shear equipment; however, no significant stains or signs of severe leakage were noted.

6.7 Potable Water and Wastewater

According to Mr. Aho, the buildings located on Parcel A are not connected to municipal water and sewer. A water well (used for fire suppression) and an active septic system are connected to the modular office located on Parcel A. Employees are provided bottled water to drink and utilize portable toilets onsite. According to Mr. Aho and the Gaston County Environmental Health Department records, the septic tank and leach fields associated with the modular office are located on the northern side of the building. The private water well is located on the southern side of the modular office. No details or information pertaining to the water well were available. No other records of septic systems or water wells were available. A representative with the City of Gastonia Public Works Department stated that water service was installed on the southern portion of Parcel A (along Robinson Road) in 2008 for use with the shredder equipment.

According to Mr. Aho, the City of Gastonia provides potable water and sanitary sewer service to the buildings located on Parcel B. Mr. Aho stated that he was unaware of water wells or septic systems located on Parcel B and no records regarding water wells or septic systems were available from the Gaston County Environmental Health Department. According to the City of Gastonia Public Works Department, Parcel B was connected to municipal water in 1974. The representative with the City of Gastonia Public Works Department was unable to provide the connection date to municipal sewer; however, based on the connection date to municipal water it is likely that municipal sewer was connected during construction of the buildings (1973-1974). Floor drains were observed within the dry storage warehouse; however, the floor drains are currently capped and no staining was observed in the vicinity of the floor drains. No industrial wastewater generation was observed or reported onsite.

According to Mr. Aho, the residence located on Parcel C is not connected to municipal water and sewer. Mr. Aho stated that to his knowledge, at least two private water wells and two septic tank systems, associated with the former and current residences exist on Parcel C. The Gaston County Environmental Health Department only had records related to one private water well and one septic tank located on Parcel C. According to records, a septic tank was associated with a former residence that was located adjacent to a former barn on the northeastern portion of the parcel. No details or information pertaining to the water well were available. No other records of septic systems or water wells were available. However, Mr. Aho indicated that to his knowledge the existing residence utilizes a water well and septic system. Based on this information, AECOM presumes that a septic tank and water well are associated with the existing residence on Parcel C.

As previously mentioned, AECOM was unable to access the interior of the residence. It is likely that the residence contains small quantities of typical household hazardous materials such as cleaners,

petroleum products, etc. These materials are likely stored in typical household-sized containers (less than 5 gallons). Reportedly, the residence utilizes a septic system for the discharge of domestic wastewater. Due to the presumed presence of minor amounts of oils and hazardous materials onsite, the septic system represents a de minimis condition.

6.8 Storm Water

State Line Scrap Metal is an active industrial facility that is regulated by NPDES requirements under a General Permit with the state regulatory oversight of the NCDENR. The storm water discharges from the facility are regulated under General Permit NCG200000. The facility's permit number is NCG200451. The effective date of the permit is January 1, 2010 and it expires on December 31, 2014. The facility maintains a SWPPP, dated May 2008 (revised March 2010), which was reviewed by AECOM. Storm water, which does not infiltrate into the unpaved portions of Parcel A, is routed to one of three detention/retention ponds onsite prior to discharging to an unnamed tributary of Crowders Creek (known locally as Mill Creek). There are three primary storm water drainage areas on the parcel for storm water runoff that contacts industrial activities at the scrap yard. The facility has three storm water discharge outfalls (Outfalls 001, 002, and 003) associated with each drainage area (see Figure 2a).

Storm water from the northern portion of the parcel flows to a fore bay, which collects sediments and solids, prior to entering the large detention basin and discharging to Outfall 001. Storm water from the oily turnings storage area is directed to an oil/water separator and then flows to a retention pond which discharges to Outfall 002. Storm water from the torching area is collected in an infiltration pond that does not discharge. Storm water from the shear and shredder areas is directed to two oil/water separator systems prior to entering a detention pond which discharges to Outfall 003. At the time of the site visit, there was heavy rainfall and AECOM was able to observe the storm water flow directions and effectiveness of the BMP controls. The BMP controls appeared to be well maintained and working properly in a manner that reduced pollutants in storm water discharges from the site. No oily sheens or petroleum odors were noted on the surface water present in the in the detention/retention ponds. The ponds are not lined.

In accordance with the NPDES permit, qualitative visual monitoring and analytical benchmark monitoring are performed semi-annually. Benchmark monitoring includes analysis of the following parameters: pH, chemical oxygen demand, total suspended solids, oil and grease, cadmium, copper, iron, lead, and zinc. Review of the most recent sampling results (March 2011) indicates that the facility was in compliance with the benchmark criteria for all parameters with the exception of copper. Based on the results, the facility was required to perform a Tier 2 response, which includes a facility inspection. Results of the facility inspection were not provided for review. AECOM attempted to contact the NCDENR Division of Water Quality for information regarding facility inspections results, violations, compliance issues, etc. However, at the time of this report, AECOM has not received a response.

Storm water, which does not infiltrate into the unpaved portions of Parcels B and C, either leaves the parcels as sheet flow and/or is directed to grass-lined drainage swales located along boundaries adjacent to abutting roadways (i.e., Wolfpack Road and York Highway). At the time of the site reconnaissance, the storm water drainage swales were dry. No staining or stressed vegetation was observed associated with the drainage swales.

6.9 Surface Staining/Stressed Vegetation/Debris

During the site reconnaissance, AECOM observed areas of staining on the unpaved ground surfaces throughout the scrap yard on Parcel A. The staining is related to the chronic leakage of petroleum hydrocarbons from onsite use of processing and heavy equipment and residual oils from exposed scrap stored onsite. Materials/products stored onsite include ferrous and non-ferrous scrap metal; scrap vehicle parts, motors, and transmissions; bailed and prepared scrap; and ASR. Based on the leakage of petroleum hydrocarbons from onsite use of processing and heavy equipment and the presence of residual oils, PCBs, heavy metals, and other constituents associated with exposed scrap, the use of Parcel A as a scrap metal recycling facility represents a REC to the subject site.

De minimis staining was observed on the concrete surface adjacent to the oil storage rack located underneath a canopy and adjacent to the maintenance building. Minor cracks in the concrete were observed in the vicinity of the staining.

De minimis staining was observed on the concrete floor of the maintenance building; however, the concrete floor appeared to be in good condition and no cracks in the concrete were observed in the vicinity of the staining. No floor drains were reported or observed in the maintenance building.

De minimis staining was noted on the ground surface in the vicinity of the diesel ASTs; however, the tanks appeared to be in good condition with no visible evidence of concern such as surface pitting or cracks. No evidence of leaks or significant spills was observed.

De minimis staining was noted on the concrete surface within the containment unit of the used oil AST; however, no significant cracks were observed in the concrete. Rainwater was noted within the containment unit; however, no sheen was observed on the water. The tank appeared to be in fair to good condition with no visible evidence of concern such as surface pitting or cracks. No surface staining was noted on the paved ground surface adjacent to the storage unit.

During the site visit, AECOM observed two areas of de minimis staining (approximately 15 square feet each) on the concrete in the vicinity of the oil storage and underneath the compressors located in the alcove on the northeast side of the office/dry storage warehouse. However, the concrete floor was in good condition and no cracks in the concrete were observed in the vicinity of the staining. No staining or stressed vegetation was noted on the adjacent ground surface.

No other areas of significant surface staining (where possible to visually inspect), stressed vegetation, or debris were observed at the subject site during AECOM's site visit.

7.0 Findings and Opinions

AECOM performed an ESA of the State Line Scrap Metal facility located at 5401 South York Highway, 160 Wolf Pack Road, and 5322 South York Highway, Gastonia, Gaston County, North Carolina in conformance with the scope and limitations of ASTM Practice E 1527-05, which meets the requirements of 40 CFR Part 312 and is intended to constitute *all appropriate inquiry* for purposes of the landowner liability protections. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report.

Per the ASTM standard, potential findings can include RECs, including historical RECs (HRECs) and de minimis conditions. RECs are conditions where the data collected indicates that there is or has been a release or that there is a potential for a release of hazardous substances or petroleum products into the structures at the subject site, or into the ground, groundwater or surface water of the subject site. HRECs are generally conditions that in the past have been remediated to the satisfaction of the responsible regulatory agency. De minimis conditions are those situations that do not present a material risk of harm to public health or the environment and generally would not be subject to enforcement action if brought to the attention of the regulating authority.

7.1 Recognized Environmental Conditions

The following REC was identified with respect to the subject site:

- The subject site (Parcel A) has historically operated as a scrap metal recycling facility since approximately 1990. Metal is delivered onsite, segregated, cut, shredded, sorted, baled, and transported to steel and/or alloy mills. Materials/products stored and used onsite include ferrous and non-ferrous scrap metal; scrap vehicle parts, motors, and transmissions; baled and prepared scrap; diesel fuel and other petroleum products (i.e., motor oil, used oil, hydraulic oil, etc.); processing equipment (i.e., baler, shear, shredder); heavy mobile equipment; and automobile shredder residue. Based on the potential leakage of petroleum hydrocarbons from onsite use of processing and heavy equipment and the presence of residual oils, PCBs, heavy metals, and other constituents associated with exposed scrap, the use of Parcel A as a scrap metal recycling facility represents a REC to the subject site.

In particular, areas of potential concern identified include:

- Drainage areas within the Turnings Storage Area;
- Sediment accumulation in the retention pond associated with the Turnings Storage Area;
- Area adjacent to the Maintenance Building;
- Area adjacent to the Torch Cutting Area;
- Sediment accumulation in the infiltration pond associated with the Torch Cutting Area;
- Area adjacent to the Shear and Ferrous Scrap Metal Storage Area; and,

- Sediment accumulation in the detention pond and adjacent catch vat associated with the Shredder Area.

7.2 Historical Recognized Environmental Conditions

The following HREC was identified with respect to the subject site:

- Review of the NCDENR UST database indicates that two former USTs were previously located on Parcel B (previously addressed as 5221 York Highway) and the tank owner is listed as Smith Textile Apron. According to the records reviewed, two 10,000-gallon capacity USTs were formerly located along the northeast side of the office/dry storage warehouse. The USTs were removed from the ground in September 1992 and confirmatory samples were collected during the UST removal activities. Results of the analytical data did not reveal constituents above the laboratory detection limits in the soil samples collected. The USTs were closed out by the NCDENR in January 1993. Based on the removal of the USTs and results of the closure report, the former USTs are considered a historical REC to the subject site.

7.3 De minimis

The following de minimis conditions were noted at the subject site:

- De minimis staining was observed on the concrete surface adjacent to the oil storage rack located underneath a canopy and adjacent to the maintenance building. Minor cracks in the concrete were observed in the vicinity of the staining.
- De minimis staining was observed on the concrete floor of the maintenance building; however, the concrete floor appeared to be in good condition and no cracks in the concrete were observed in the vicinity of the staining. No floor drains were reported or observed in the maintenance building.
- De minimis staining was noted on the ground surface in the vicinity of the diesel ASTs; however, the tanks appeared to be in good condition with no visible evidence of concern such as surface pitting or cracks. No evidence of leaks or significant spills was observed.
- De minimis staining was noted on the concrete surface within the containment unit of the used oil AST; however, no significant cracks were observed in the concrete. Rainwater was noted within the containment unit; however, no sheen was observed on the water. The tank appeared to be in fair to good condition with no visible evidence of concern such as surface pitting or cracks. No surface staining was noted on the paved ground surface adjacent to the storage unit.
- During the site visit, AECOM observed two areas of de minimis staining (approximately 15 square feet each) on the concrete in the vicinity of the oil storage and underneath the compressors located in the alcove on the northeast side of the office/dry storage warehouse. However, the concrete floor was in good condition and no cracks in the concrete were observed in the vicinity of the staining. No staining or stressed vegetation was noted on the adjacent ground surface.
- As previously mentioned, AECOM was unable to access the interior of the residence during the site reconnaissance. It is likely that the residence contains small quantities of typical household hazardous materials such as cleaners, petroleum products, etc. These materials are likely stored in typical household-sized containers (less than 5 gallons). Reportedly, the residence utilizes a septic system for the discharge of domestic wastewater. A residential

septic system represents a preferential pathway directly to the subsurface of the property, and due to the presence of minor amounts of oils and hazardous materials on-site, the septic system represents a de minimis condition.

7.4 Data Failures/Data Gaps

AECOM's ESA identified the following data failures/gaps:

- As specified in the agreed upon scope-of-services, a title search was not conducted as part of this ESA. However, historical records indicate that the subject site has been historically utilized for residential purposes and as a scrap metal recycling facility. Therefore, this data gap is not expected to significantly impact this environmental assessment.
- Per ASTM, historical sources must be reviewed dating back to 1940 or first developed use, whichever is earlier. AECOM was not able to document historical sources dating to the first developed use. Review of historical records indicate that Parcel A was occupied by a single-family residence from at least 1961 until approximately 1989. In 1990, the western portion of the parcel was developed by Clover Scrap Metals Recycling as a metal recycling facility. In approximately 1992, State Line Scrap Metal began leasing the parcel from Clover Scrap Metals Recycling. In 2010, Mill Creek Management, LLC acquired the parcel and State Line Scrap Metal continued its lease. Reviews of historical records indicate that Parcel B was historically occupied by wooded land until 1973 when the existing buildings were constructed by Smith Textile Apron Company as a manufacturer of plain and spiked aprons, picker teeth, and conveyor belting for the textile industry. Ownership and operations remained the same from 1973 until approximately 1996, at which time the site was leased as office and warehouse space. In 2010, Mill Creek Management, LLC acquired the parcel and State Line Scrap Metal began lease of the property for office and warehouse use. Reviews of aerial photographs indicate that Parcel C has historically been utilized for residential purposes since at least 1961. A former residence and associated barn were formerly located on the parcel; however, they were razed in approximately 2010. It is AECOM's opinion that this data gap is not expected to represent a significant limitation to this investigation.
- Per ASTM, past owners, operators, and occupants of the subject site, who are likely to have material information regarding the potential for contamination at the subject site, shall be contacted to the extent that they can be identified and that the information likely to be obtained is not duplicative of information already obtained from other sources. AECOM obtained historical property information from site representative and publicly available information. This information is primarily discussed in Section 4.4, as well as other pertinent areas of this report. Thus, based on historic use of the subject site and surrounding area, and because interviews with additional past owners of the subject site were likely to provide duplicative information, additional past owners were not contacted. This data gap is not expected to represent a significant limitation to this investigation.
- Per ASTM, local, and/or additional state or tribal environmental records sources shall be reviewed to enhance and supplement the ASTM-required federal and state standard records sources. Note that EDR also includes selected local, and/or additional state or tribal records within its search. Per the ASTM Standard, approximate minimum search distances for additional records sources should not be less than those specified for standard records sources, but can be adjusted at the discretion of the environmental professional based on 1) the density of the setting in which the property is located; 2) the distance that the hazardous substances or petroleum products are likely to migrate based on local geologic or

hydrogeologic conditions; 3) the property type; 4) existing or past uses of surrounding properties; and 5) other reasonable factors. Based on AECOM's observations during the site visit and information provided in the EDR report, additional state and local records not included within the EDR report were reviewed for the subject site only. This data gap is not expected to represent a significant limitation to this investigation.

8.0 Conclusions

AECOM performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of the State Line Scrap Metal facility located at 5401 South York Highway, 160 Wolf Pack Road, and 5322 South York Highway, Gastonia, Gaston County, North Carolina. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. Data failures are presented in Section 7.4. This assessment has revealed evidence of one onsite REC and one HREC in connection with the subject site, as described in Section 7.0.

9.0 References and Contacts

9.1 Persons Interviewed

Aho, Michael, State Line Scrap Metal, President, 5401 South York Highway, Gastonia, NC, 28052, (704) 860-4731

Bynum, Michael, Planning and Research Manager, City of Gastonia Electric Utilities, (704) 854-6603

Dye, Samantha, Gaston County Environmental Health Services Department, 704-853-5200, Samantha.Dye@co.gaston.nc.us

Hendrix, Eric, Fire Marshal, Gaston County Fire Marshal's Office, (no response) (704) 866-3355

Logsdon, Eric, The David J. Joseph Company, Corporate Environmental Manager, 300 Pike Street, Cincinnati, OH, 45202, (513) 419-6035

9.2 Reports and Documents Reviewed

Aerial photograph dated 2010, obtained from Google Earth.

Gaston County Director of Revenue. Reviewed online property information at <http://gastongov.com/> December 2011 and January 2012.

North Carolina Department of Environment and Natural Resources, Underground Storage Tank Section, UST database information, reviewed online at <http://portal.ncdenr.org/web/wm/ust/database>, January 2012.

North Carolina Geological Survey, Geologic Map of North Carolina, 1985.

North Carolina Public Water Supply Section, Reviewed online water well information at <http://www.ncwater.org/pws/>, January 2012.

Phase I Environmental Site Assessment Report, Dan Dee Enterprizes, 160 Wolfpack Road, Gastonia, North Carolina, by ECS Carolinas, LLP, May 2010

Report of Phase I Environmental Site Assessment, Approximately 42.2 Acre Tract, 5401 South York Highway, Gastonia, North Carolina, by ECS, Ltd., April 2003.

The EDR Aerial Photo Decade Package, 5401 South York Highway, Gastonia, NC 28052. Dated December 16, 2011. Provided by Environmental Data Resources Inc, 440 Wheelers Farms Road, Milford, Connecticut 06461, (800) 352-0050.

The EDR City-Directory Abstract, 5401 South York Highway, Gastonia, NC 28052. Dated December 14, 2011. Provided by Environmental Data Resources Inc, 440 Wheelers Farms Road, Milford, Connecticut 06461, (800) 352-0050.

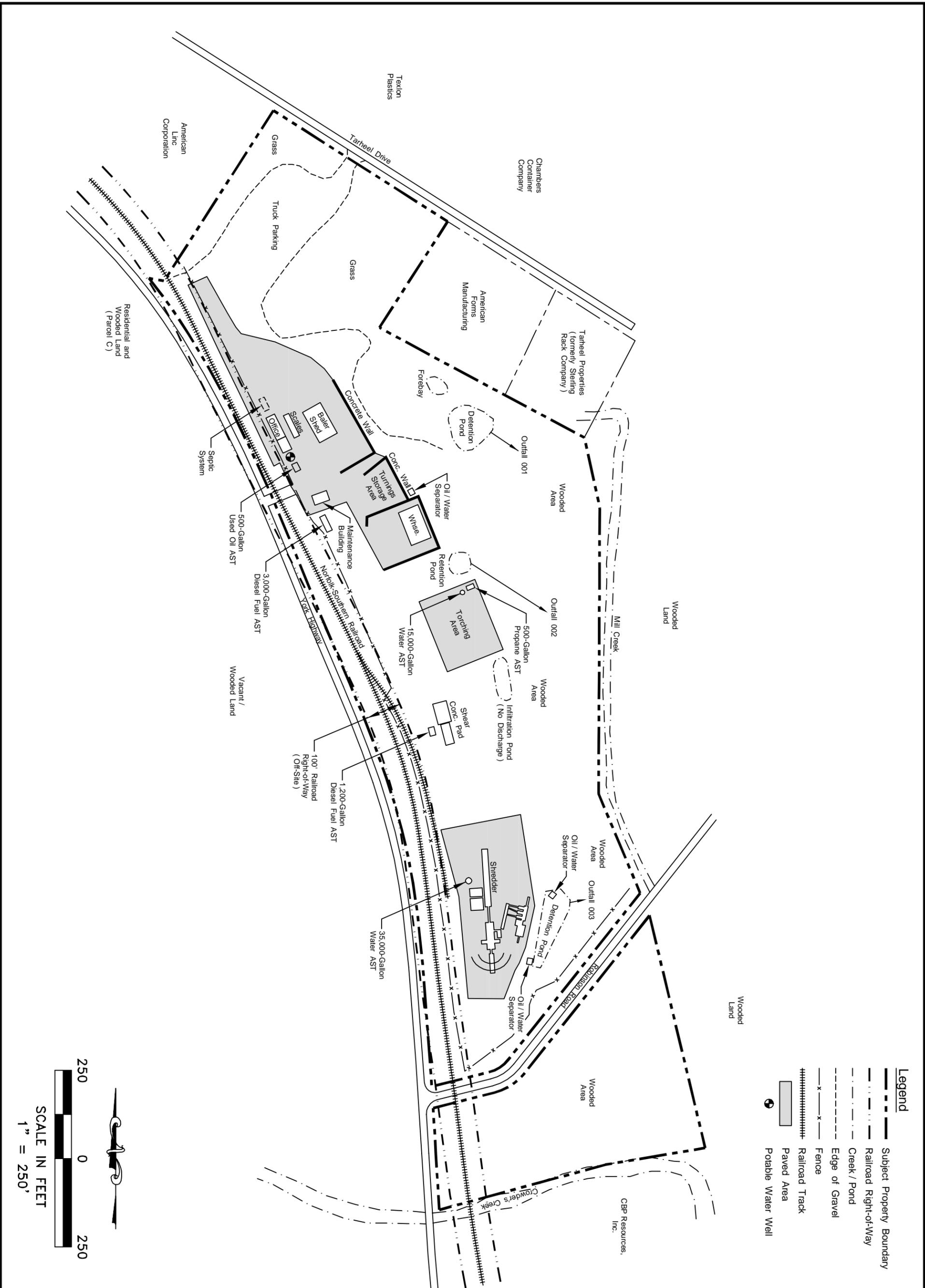
The EDR Historical Topographic Map Report, 5401 South York Highway, Gastonia, NC 28052. Dated December 8, 2011. Provided by Environmental Data Resources Inc, 440 Wheelers Farms Road, Milford, Connecticut 06461, (800) 352-0050.

The EDR-Radius Map Report with GeoCheck®, 5401 South York Highway, Gastonia, NC 28052. Dated December 8, 2011. Provided by Environmental Data Resources Inc, 440 Wheelers Farms Road, Milford, Connecticut 06461, (800) 352-0050.

The EDR Sanborn Map Report, Certified, 5401 South York Highway, Gastonia, NC 28052. Dated December 8, 2011. Provided by Environmental Data Resources Inc, 440 Wheelers Farms Road, Milford, Connecticut 06461, (800) 352-0050.

US EPA ECHO and Envirofacts database information. Reviewed online at www.epa.gov, December 2011 and January 2012.

Figures



- Legend**
- Subject Property Boundary
 - - - - Railroad Right-of-Way
 - · - · - Creek / Pond
 - - - - Edge of Gravel
 - x - x - Fence
 - ##### Railroad Track
 - ▭ Paved Area
 - ⊕ Potable Water Well

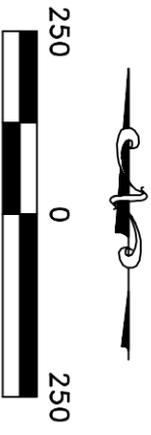


FIGURE NUMBER:
2a

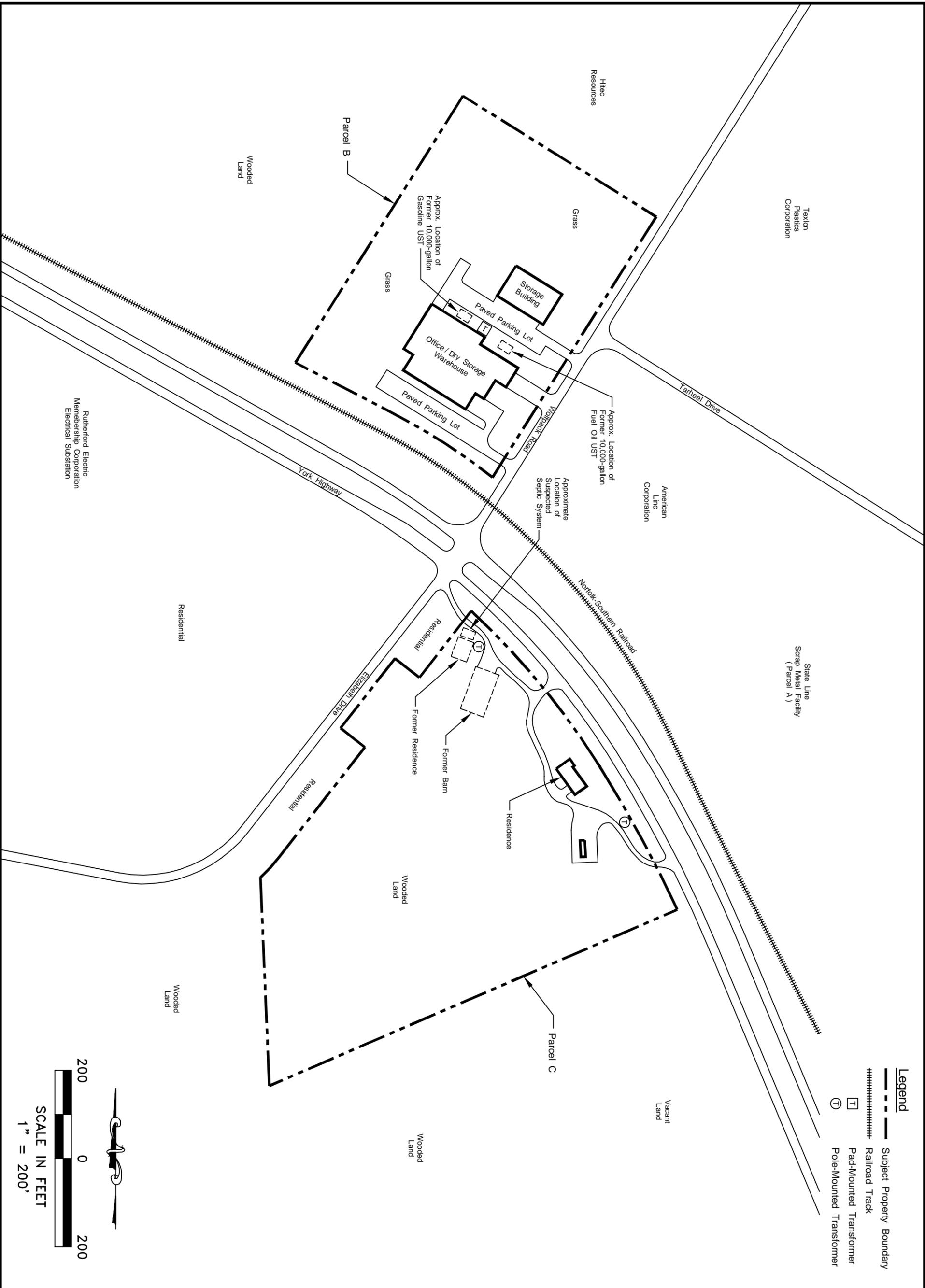
SHEET NUMBER:
B120202B

SITE PLAN (PARCEL A)		
State Line Scrap Metal 5401 South York Highway, Gastonia, NC		
SCALE: 1"=250'	DATE: 01/25/12	PROJECT NUMBER: 60240271.2

AECOM

AECOM North Carolina, Inc.
8540 COLONNADE CENTER DRIVE, SUITE 306
RALEIGH, NORTH CAROLINA 27615
PHONE: (919) 872-6600
FAX: (919) 872-7996
WEB: HTTP://WWW.AECOM.COM

DESIGNED BY:	REVISIONS			
	NO.:	DESCRIPTION:	DATE:	BY:
DRAWN BY: KLR				
CHECKED BY:				
APPROVED BY:				



- Legend**
- Subject Property Boundary
 - Railroad Track
 - ⊠ Pad-Mounted Transformer
 - ⊕ Pole-Mounted Transformer

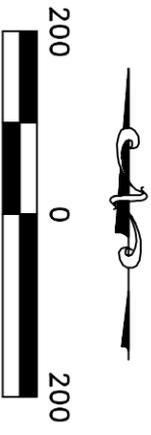


FIGURE NUMBER:
2b

SHEET NUMBER:
B120207B

SITE PLAN (PARCELS B & C)		
State Line Scrap Metal 160 Wolfpack Road and 5322 South York Highway Gastonia, NC		
SCALE: 1"=200'	DATE: 01/25/12	PROJECT NUMBER: 60240271.2

AECOM

AECOM North Carolina, Inc.
8540 COLONNADE CENTER DRIVE, SUITE 306
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PHONE: (919) 872-6600
FAX: (919) 872-7996
WEB: HTTP://WWW.AECOM.COM

DESIGNED BY:	REVISIONS			
	NO.:	DESCRIPTION:	DATE:	BY:
DRAWN BY: KLR				
CHECKED BY:				
APPROVED BY:				

**Appendix A
Representative Site
Photographs**

Client Name: The David J. Joseph Company		Site Location: 5401 and 5322 S. York Highway, 160 Wolfpack Road	Project No.: 60240271
Photo No. 1	Date: 12/7/11		
Direction Photo Taken: Northwest			
Description: View of the modular office located on the northwestern portion of Parcel A. The 500-gallon used oil AST is visible on the left side of the photo. The inbound ramp to the scales is visible on the right side of the photo.			

Photo No. 2	Date: 12/7/11	
Direction Photo Taken: Southeast		
Description: View of the baler shed and non-ferrous scrap metal storage area on the northwestern portion of the site. A concrete pad is located in this area.		

Client Name: The David J. Joseph Company		Site Location: 5401 and 5322 S. York Highway, 160 Wolfpack Road	Project No.: 60240271
Photo No.: 3	Date: 12/7/11		
Direction Photo Taken: Northwest			
Description: View of the oil/water separator located adjacent to the turnings storage area, which is visible in the background (north side of the concrete wall). This discharge flows to the retention pond located farther to the south.			

Photo No.: 4	Date: 12/7/11	
Direction Photo Taken: South		
Description: View of the retention pond located to the south of the turnings storage area. The storm water discharge from the oil/water separator flows to this pond. Storm water from the retention pond ultimately discharging into the wooded area along the eastern boundary of the site.		

Client Name: The David J. Joseph Company		Site Location: 5401 and 5322 S. York Highway, 160 Wolfpack Road	Project No.: 60240271
Photo No.: 5	Date: 12/7/11		
Direction Photo Taken: South			
Description: View of the maintenance building located on the northern portion of Parcel A. The 500-gallon used oil AST is visible on the right side of the photo. The warehouse in the turnings storage area is visible on the left side of the photograph.			

Photo No.: 6	Date: 12/7/11	
Direction Photo Taken: N/A		
Description: View of the 275-gallon totes containing used oil and hydraulic fluid located underneath a canopy and adjacent to the maintenance building. De minimis staining was observed on the concrete surface adjacent to the oil storage rack and minor cracks in the concrete were observed in the vicinity of the staining.		

Client Name: The David J. Joseph Company	Site Location: 5401 and 5322 S. York Highway, 160 Wolfpack Road	Project No.: 60240271
--	---	---------------------------------

Photo No.: 7	Date: 12/7/11
Direction Photo Taken: Northeast	

Description:

View of the shear equipment located on the southern portion of the site. The 1,500-gallon reservoir for the shear is visible in the background. Staining was observed adjacent to the shear equipment and the hydraulic oil reservoir. An oily sheen was noted on standing water in the vicinity of the shear. A concrete pad is located in this area.



Photo No.: 8	Date: 12/7/11
Direction Photo Taken: South	

Description:

View of the unprepared scrap stored in the southern portion of the site. The shredder and associated support building and water tank are visible in the background.



Client Name: The David J. Joseph Company		Site Location: 5401 and 5322 S. York Highway, 160 Wolfpack Road		Project No.: 60240271
Photo No.: 9	Date: 12/7/11			
Direction Photo Taken: Southeast				
Description: View of the shredder located on the southern portion of the scrap yard. A concrete pad is located in this area.				

Photo No.: 10	Date: 12/7/11	
Direction Photo Taken: North-Northwest		
Description: Overview of the scrap yard from the control tower located in the shredder's support building. The Norfolk Southern railroad (located off-site) is visible on the left side of the photo.		

Client Name:
The David J. Joseph Company

Site Location:
5401 and 5322 S. York Highway, 160 Wolfpack Road

Project No.
60240271

Photo No.
11

Date:
12/7/11

Direction Photo Taken:

Northeast

Description:

View of the oil/water separator located at the southwest end of the detention pond located adjacent to the shredder area.



Photo No.
12

Date:
12/7/11

Direction Photo Taken:

East

Description:

View of the northeast end of the detention pond located adjacent to the shredder area. Robinson Road is visible in the background.



Client Name: The David J. Joseph Company		Site Location: 5401 and 5322 S. York Highway, 160 Wolfpack Road	Project No.: 60240271
Photo No.: 13	Date: 12/7/11		
Direction Photo Taken: North			
Description: View along the southwest side (front side) of the office/dry storage warehouse located on Parcel B.			

Photo No.: 14	Date: 12/7/11		
Direction Photo Taken: N/A			
Description: Interior view of the dry storage warehouse on Parcel B.			

Client Name: The David J. Joseph Company		Site Location: 5401 and 5322 S. York Highway, 160 Wolfpack Road	Project No.: 60240271
Photo No.: 15	Date: 12/7/11		
Direction Photo Taken: Northwest			
Description: View along the northeast side of the office/dry storage warehouse. The pad-mounted transformer, the alcove, and the loading docks are visible along the northeast side of the building. The former USTs were located in the grassy area adjacent to the building.			

Photo No.: 16	Date: 12/7/11	
Direction Photo Taken: N/A		
Description: View of the out-of-use compressor and 55-gallon drum and 5-gallon buckets containing an oily substance located in the alcove of the office/dry storage building. Note de minimis staining on the concrete in the vicinity of the oil storage and underneath the compressor.		

Client Name: The David J. Joseph Company		Site Location: 5401 and 5322 S. York Highway, 160 Wolfpack Road	Project No.: 60240271
Photo No.: 17	Date: 12/7/11		
Direction Photo Taken: Northwest			
Description: View of the residence located along the northeastern boundary of Parcel C. Although this residence was occupied at the time of the inspection, the tenant was not available, and AECOM was unable to access the interior.			

Photo No.: 18	Date: 12/7/11	
Direction Photo Taken: East		
Description: View looking east to the metal recycling facility on Parcel A. York Highway is visible in the foreground, beyond which is the Norfolk Southern railroad. Farther to the east is the gravel parking lot used for trailer truck parking (located on the northwestern portion of Parcel A).		

Client Name: The David J. Joseph Company		Site Location: 5401 and 5322 S. York Highway, 160 Wolfpack Road	Project No.: 60240271
Photo No.: 19	Date: 12/7/11		
Direction Photo Taken: N/A			
Description: Interior view of the warehouse located in the turnings storage area on Parcel A. Cardboard boxes and 55-gallon drums containing non-ferrous metal, stainless steel solids and turnings, and minimal universal wastes (batteries, capacitors, mercury switches) are stored in the warehouse.			

Photo No.: 20	Date: 12/7/11	
Direction Photo Taken: South		
Description: View from the warehouse loading dock in the turnings storage area on Parcel A. The torching area is visible in the background.		

Client Name: The David J. Joseph Company	Site Location: 5401 and 5322 S. York Highway, 160 Wolfpack Road	Project No.: 60240271
--	---	---------------------------------

Photo No.: 21	Date: 12/7/11
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Direction Photo Taken:

Northwest

Description:

View from the warehouse loading dock in the turnings storage area on Parcel A. The 3,000-gallon diesel fuel AST and the maintenance building are visible in the background.



Photo No.: 22	Date: 12/7/11
--------------------------------	-------------------------

Direction Photo Taken:

South

Description:

View of the 1,200-gallon diesel fuel AST located adjacent to the west of the shear equipment.



Appendix B

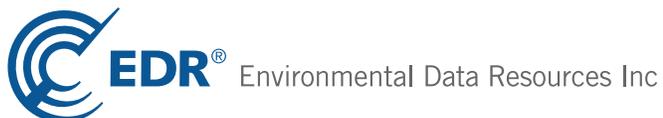
EDR Report

Project Crush

5401 South York Highway
Gastonia, NC 28052

Inquiry Number: 3221010.2s
December 08, 2011

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

5401 SOUTH YORK HIGHWAY
GASTONIA, NC 28052

COORDINATES

Latitude (North): 35.173900 - 35° 10' 26.0"
Longitude (West): 81.196400 - 81° 11' 47.0"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 482115.8
UTM Y (Meters): 3892147.8
Elevation: 735 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 35081-B2 GASTONIA SOUTH, NC
Most Recent Revision: 1996

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010
Source: USDA

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:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
STATELINE SCRAP METAL 5401 SOUTH YORK HIGHWAY GASTONIA, NC 28052	FINDS	N/A
STATELINE SCRAP METAL 5401 S YORK HWY GASTONIA, NC 28052	RCRA-NonGen	NCS000000515

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

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

Federal ERNS list

ERNS..... Emergency Response Notification System

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

SWF/LF..... List of Solid Waste Facilities

EXECUTIVE SUMMARY

OLI..... Old Landfill Inventory

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

UST..... Petroleum Underground Storage Tank Database
AST..... AST Database
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

INST CONTROL..... No Further Action Sites With Land Use Restrictions Monitoring

State and tribal voluntary cleanup sites

VCP..... Responsible Party Voluntary Action Sites
INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Projects Inventory

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
HIST LF..... Solid Waste Facility Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
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

Other Ascertainable Records

DOT OPS..... Incident and Accident Data

EXECUTIVE SUMMARY

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
IMD.....	Incident Management Database
UIC.....	Underground Injection Wells Listing
DRYCLEANERS.....	Drycleaning Sites
NPDES.....	NPDES Facility Location Listing
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
COAL ASH DOE.....	Sleam-Electric Plan Operation Data
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
COAL ASH.....	Coal Ash Disposal Sites

EDR PROPRIETARY RECORDS

EDR Proprietary Records

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

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

State- and tribal - equivalent NPL

EXECUTIVE SUMMARY

NC HSDS: The Hazardous Substance Disposal Sites list contains locations of uncontrolled and unregulated hazardous waste sites. The file contains sites on the national priority list as well as the state priority list. The data source is the North Carolina Center for Geographic Information and Analysis.

A review of the NC HSDS list, as provided by EDR, and dated 08/09/2011 has revealed that there are 2 NC HSDS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORBES ROAD WELL		NNW 1/2 - 1 (0.986 mi.)	0	9
WOOD ROAD DRUM BURIAL		ESE 1/2 - 1 (0.881 mi.)	0	9

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites 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. The data come from the Department of Environment & Natural Resources' Inactive Hazardous Sites Program.

A review of the SHWS list, as provided by EDR, and dated 09/30/2011 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>MTE HYDRAULICS</i>	<i>108 CHICKASAW ROAD @ JC</i>	<i>NNW 1/2 - 1 (0.916 mi.)</i>	<i>5</i>	<i>11</i>

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incidents Management Database contains an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environment, & Natural Resources' Incidents by Address.

A review of the LUST list, as provided by EDR, and dated 11/04/2011 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAROLINA BY-PRODUCTS COMPANY Incident Phase: Closed Out	5533 YORK HWY	S 1/4 - 1/2 (0.366 mi.)	4	10

LUST TRUST: This database contains information about claims against the State Trust Funds for reimbursements for expenses incurred while remediating Leaking USTs.

A review of the LUST TRUST list, as provided by EDR, and dated 10/14/2011 has revealed that there is 1 LUST TRUST site within approximately 0.5 miles of the target property.

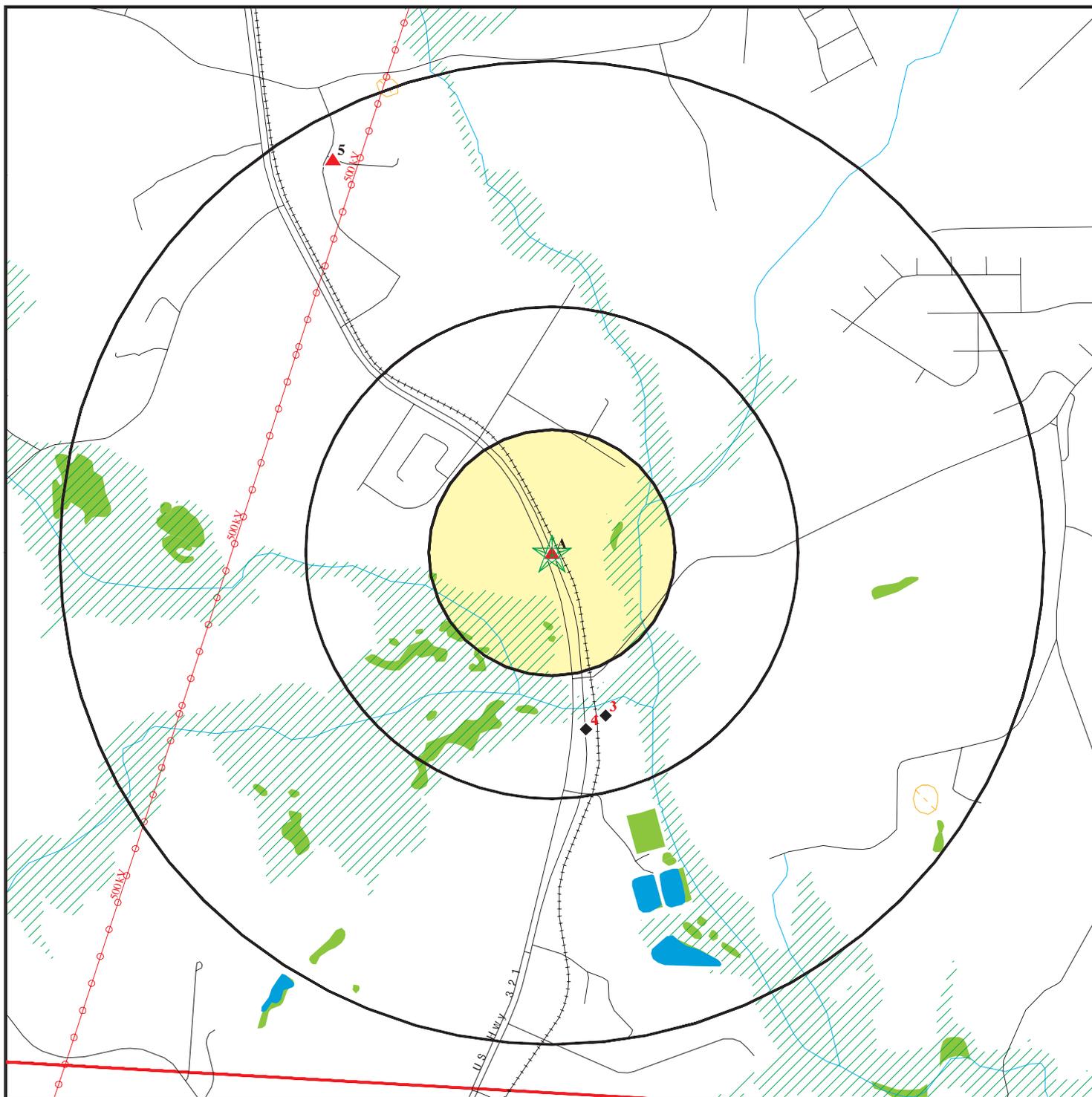
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CPB RESOURCES, INC.	5533 SOUTH YORK ROAD	SSE 1/4 - 1/2 (0.349 mi.)	3	9

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 40 records.

<u>Site Name</u>	<u>Database(s)</u>
UNITED OIL TANKER SPILL	LAST
IMPACT PLASTICS	IMD, LAST
KEENER RESIDENCE	IMD, LAST
CARSONS DRY CLEANERS (FORMER)	SHWS, IMD, LAST
GASTON COUNTY DEVELOPMENT CORPORAT	SHWS, LAST
DIXIE VILLAGE SOLVENTS	SHWS, IMD, LAST
SERVCO NO. 2011 / CARSON RD.	IMD, LAST
CITY OF GASTONIA 2ND AVE. PARK	SHWS, IMD
LEE'S MOTOR WORKS	SHWS
GASTONIA COAL GAS PLANT	SHWS, IMD, VCP
CROWDERS MOUNTAIN STATE PARK	SHWS, IMD
FAIRVIEW TRAILER PARK	SHWS, IMD
HARWELL ROAD INCIDENT	SHWS, IMD
GASTONIA INDUSTRIAL TRUCK	CERC-NFRAP, SHWS
MOORE CO., INC./EASCO HAND TOO	SHWS, IMD
DELTA MILLS-FORMER RAGAN LDFL	SHWS
CERTIFIED PLATING	SHWS
HOOVER MACHINE SHOP	SHWS, VCP
GASTON COUNTY DRUM	SHWS
BIGGERSTAFF LDFL	CERC-NFRAP
WOOD ROAD DRUM BURIAL	CERC-NFRAP
GASTON COUNTY (AUTEN ROAD)	SWF/LF
CR PRECISION SEALS	IMD, LUST
THE 321 PANTRY	IMD, LUST
GATE STATION #402	LUST TRUST
CAROLINA TEXTILE SALES/GASTON	UST
RT 3	UST
PETTY MACHINE CO.	UST
SOUTH GASTONIA VFD	UST
SAUNDERS SYSTEM. INC.	UST
UNKNOWN - OUR #56-8805-105	UST
CROWDER CREEK WASTEWATER PLAN	UST
TI-CARO PINKEY PLANT	UST
TI-CARO VICTORY PLANT	UST
CAROLINA & SOUTHERN PROCESSING	UST
STOVALL FOUNDRY INC	RCRA-NonGen, FINDS
RAUCH INDUSTRIES INC	RCRA-NonGen, FINDS
RUSSELL'S	RCRA-CESQG, FINDS
SMITH WELL & PETTY MACHINE COM	IMD
CITY OF GASTONIA WTP	IMD

OVERVIEW MAP - 3221010.2s



★ Target Property

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

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

■ National Priority List Sites

■ Dept. Defense Sites

■ Indian Reservations BIA

--- County Boundary

⚡ Power transmission lines

⚡ Oil & Gas pipelines from USGS

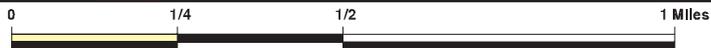
▨ 100-year flood zone

▨ 500-year flood zone

■ National Wetland Inventory

■ State Wetlands

■ Hazardous Substance Disposal Sites

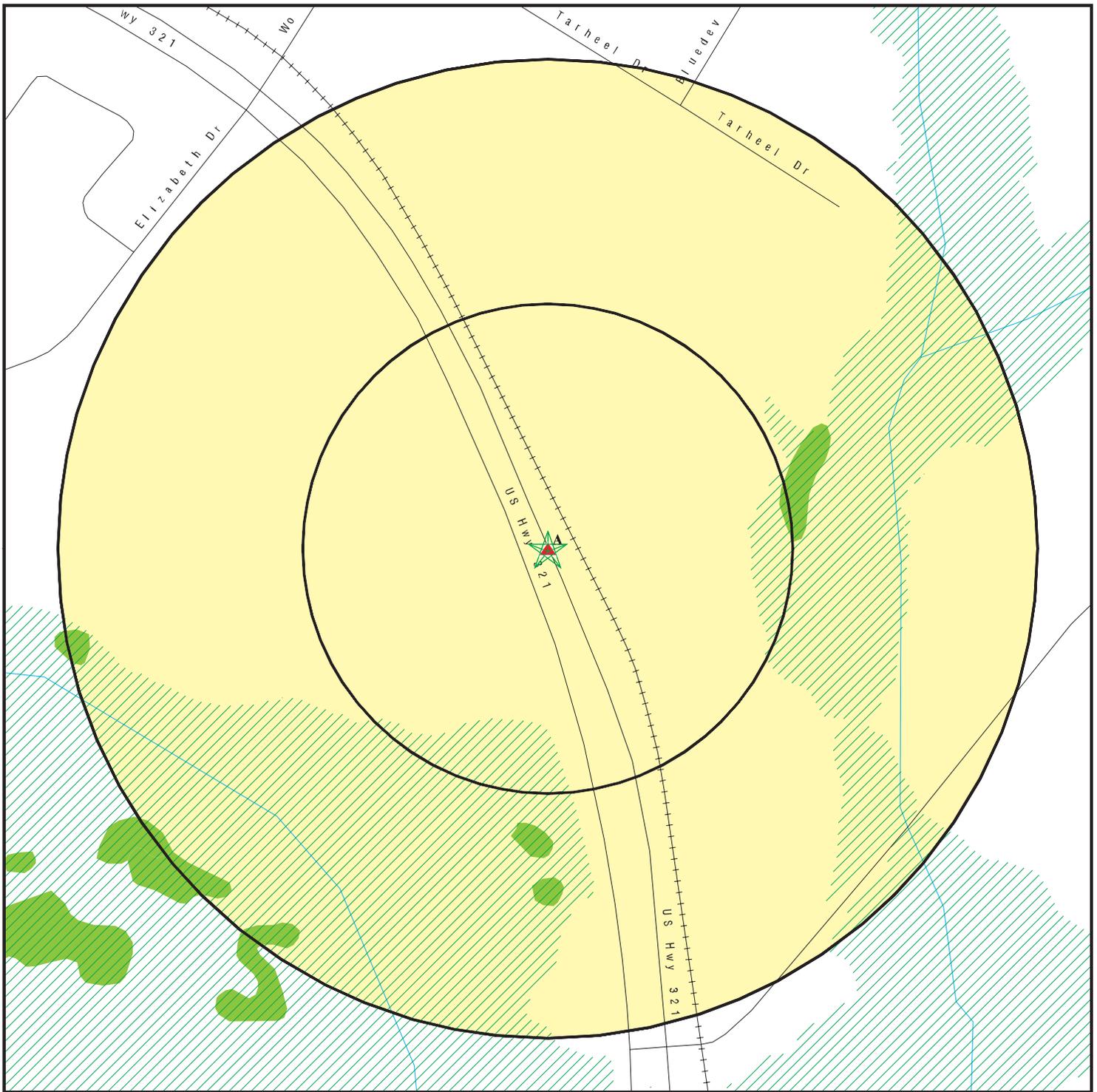


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Project Crush
 ADDRESS: 5401 South York Highway
 Gastonia NC 28052
 LAT/LONG: 35.1739 / 81.1964

CLIENT: AECOM
 CONTACT: Jennifer Jones
 INQUIRY #: 3221010.2s
 DATE: December 08, 2011 12:02 pm

DETAIL MAP - 3221010.2s



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

- ☒ Indian Reservations BIA
- ▲ Oil & Gas pipelines from USGS
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ National Wetland Inventory
- ▨ State Wetlands
- ☒ Hazardous Substance Disposal Sites

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

SITE NAME: Project Crush
 ADDRESS: 5401 South York Highway
 Gastonia NC 28052
 LAT/LONG: 35.1739 / 81.1964

CLIENT: AECOM
 CONTACT: Jennifer Jones
 INQUIRY #: 3221010.2s
 DATE: December 08, 2011 12:02 pm

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST TRUST		0.500	0	0	1	NR	NR	1
LAST		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
HIST LF		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	X	0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
IMD		0.500	0	0	0	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants		1.000	0	0	0	0	NR	0
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A1
Target
Property

STATELINE SCRAP METAL
5401 SOUTH YORK HIGHWAY
GASTONIA, NC 28052

FINDS **1005633554**
 N/A

Site 1 of 2 in cluster A

Actual:
735 ft.

FINDS:

Registry ID: 110007123424

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.

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.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

A2
Target
Property

STATELINE SCRAP METAL
5401 S YORK HWY
GASTONIA, NC 28052

RCRA-NonGen **1010323605**
NCS000000515

Site 2 of 2 in cluster A

Actual:
735 ft.

RCRA-NonGen:

Date form received by agency: 02/13/2007
 Facility name: STATELINE SCRAP METAL
 Facility address: 5401 S YORK HWY
 GASTONIA, NC 28052
 EPA ID: NCS000000515
 Mailing address: S YORK HWY
 GASTONIA, NC 28052
 Contact: BRETT BUSHA
 Contact address: S YORK HWY
 GASTONIA, NC 28052
 Contact country: US
 Contact telephone: 704-864-9001
 Contact email: Not reported
 EPA Region: 04
 Land type: Private
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STATELINE SCRAP METAL (Continued)

1010323605

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 02/03/2011
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/15/2010
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/25/2009
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/21/2008
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/13/2007
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/29/2006
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

HSDS
Region
NNW
1/2-1
5204 ft.

FORBES ROAD WELL
, NC

NC HSDS **S102442812**
N/A

HSDS:

Site Type:	Federal
Superfund ID:	986 172 617
Lat/Long:	35 11 15.080584 81 12 9.000469
Total area in coverage units:	3089.21508789
Total perimeter in coverage units:	206.05770874
X-value coordinate in feet:	1341979.375
Y-value coordinate in feet:	530460.9375
Sites designated as superfund cleanup sites:	712
Length of feature in internal units:	206.057713201
Area of feature in internal units squared:	3089.21505664

HSDS
Region
ESE
1/2-1
4653 ft.

WOOD ROAD DRUM BURIAL
, NC

NC HSDS **S102442830**
N/A

HSDS:

Site Type:	Federal
Superfund ID:	986 170 678
Lat/Long:	35 9 59.489155 81 10 59.485593
Total area in coverage units:	6028.22753906
Total perimeter in coverage units:	281.72186279
X-value coordinate in feet:	1347579.375
Y-value coordinate in feet:	522693.625
Sites designated as superfund cleanup sites:	725
Length of feature in internal units:	281.721856881
Area of feature in internal units squared:	6028.22748633

3
SSE
1/4-1/2
0.349 mi.
1841 ft.

CPB RESOURCES, INC.
5533 SOUTH YORK ROAD
GASTONIA, NC

LUST TRUST **S105218361**
N/A

Relative:
Lower

Actual:
680 ft.

LUST TRUST:

Facility ID:	0-016924
Site ID:	8410
Site Note:	Site closed
Site Eligible?:	True
Commercial Find:	100% Commercial
Priority Rank:	Not reported
Deductable Amount:	20000
3rd Party Deductable Amt:	0
Sum 3rd Party Amt Applied:	0

[Click this hyperlink](#) while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

4
South
1/4-1/2
0.366 mi.
1930 ft.

CAROLINA BY-PRODUCTS COMPANY
5533 YORK HWY
GASTONIA, NC 28053

LUST **S109567335**
N/A

Relative:
Lower

LUST:

Actual:
691 ft.

Facility ID: 0-016924
 UST Number: MO-3292
 Incident Number: 8410
 Contamination Type: Soil
 Source Type: Leak-underground
 Product Type: PETROLEUM
 Date Reported: 5/6/1991
 Date Occur: 3/11/1991
 Cleanup: 3/11/1991
 Closure Request: Not reported
 Close Out: 5/16/1991
 Level Of Soil Cleanup Achieved: Not reported
 Tank Regulated Status: Regulated
 # Of Supply Wells: 0
 Commercial/NonCommercial UST Site: COMMERCIAL
 Risk Classification: L
 Risk Class Based On Review: Not reported
 Corrective Action Plan Type: Not reported
 NOV Issue Date: Not reported
 NORR Issue Date: Not reported
 Site Priority: E
 Phase Of LSA Req: Not reported
 Site Risk Reason: Not reported
 Land Use: Not reported
 MTBE: Not reported
 MTBE1: Unknown
 Flag: No
 Flag1: No
 LUR Filed: Not reported
 Release Detection: 0
 Current Status: File Located in Archives
 RBCA GW: Not reported
 PTOPT: 3
 RPL: False
 CD Num: 36
 Reel Num: 0
 RPOW: False
 RPOP: False
 Error Flag: 0
 Error Code: Not reported
 Valid: False
 Lat/Long: 35 9 59.04 81 11 44.76
 Lat/Long Decimal: 35.166410999999997 81.195789000000005
 Testlat: Not reported
 Regional Officer Project Mgr: TLM
 Region: Mooresville
 Company: CAROLINA-BY-PRODUCTS COMPANY
 Contact Person: Not reported
 Telephone: Not reported
 RP Address: PO BOX DRAWER 20687
 RP City,St,Zip: GREENSBORO, NC 27420
 RP County: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAROLINA BY-PRODUCTS COMPANY (Continued)

S109567335

Comments: Not reported
 5 Min Quad: Not reported

PIRF:

Facility Id: 8410
 Date Occurred: 8/25/1990
 Date Reported: 7/13/1992
 Description Of Incident: CONTAMINATION FOUND DURING UST REMOVAL
 Owner/Operator: Not reported
 Ownership: 4
 Operation Type: 6
 Type: 3
 Location: 1
 Site Priority: Not reported
 Priority Update: Not reported
 Wells Affected Y/N: Not reported
 Samples Include: 0
 7#5 Minute Quad: Not reported
 5 Minute Quad: Not reported
 Pirf/Min Soil: Not reported
 Release Code: Not reported
 Source Code: Min_Soil
 Err Type: Not reported
 Cause: Not reported
 Source: Not reported
 Ust Number: Not reported

Last Modified: 7/30/1992
Incident Phase: Closed Out
 NOV Issued: Not reported
 NORR Issued: Not reported
 45 Day Report: Not reported
 Public Meeting Held: Not reported
 Corrective Action Planned: Not reported
 SOC Signed: Not reported
 Reclassification Report: Not reported
 RS Designation: Not reported
 Closure Request Date: Not reported
 Close-out Report: 7/13/1992

5
NNW
1/2-1
0.916 mi.
4835 ft.

MTE HYDRAULICS
108 CHICKASAW ROAD @ JCT W/ PE
GASTONIA, NC

SHWS S105911929
IMD N/A
BROWNFIELDS

Relative:
Higher

SHWS:
 Facility ID: NONCD0002105

Actual:
781 ft.

IMD:
 Region: MOR
 Facility ID: 5658
 Date Occurred: 6/6/1990
 Submit Date: 3/7/2006
 GW Contam: Yes, Groundwater Contamination has been detected
 Soil Contam: Yes
 Incident Desc: Monitored Attenuation proceeding as expected. Possible NFA next annual report, depending on analyticals.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MTE HYDRAULICS (Continued)

S105911929

Operator: CORBIN, HOWARD
Contact Phone: Not reported
Owner Company: MTE HYDRAULICS
Operator Address: POST OFFICE BOX 2319
Operator City: GASTONIA
Oper City, St, Zip: GASTONIA, NC
Ownership: Federal
Operation: Mining
Material: Not reported
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Intentional dump
Type: Other inorganics
Location: Not reported
Setting: Not reported
Risk Site: Not reported
Site Priority: 35
Priority Code: D
Priority Update: Not reported
Dem Contact: BRP
Wells Affected: No
Num Affected: Not reported
Wells Contam: Not reported
Sampled By: Not reported
Samples Include: Not reported
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: 35.184819
Longitude: -81.203618
Latitude Number: 341255
Longitude Number: 775648
Latitude Decimal: 34.2152777777778
Longitude Decimal: 77.9466666666667
GPS: GPS
Agency: DWQ
Facility ID: 5658
Last Modified: 3/7/2006
Incident Phase: RE
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: 3/10/1999
SOC Sighned: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

BROWNFIELDS:

Project Type: FINALIZED BROWNFIELDS AGREEMENTS
Contact Type: Not reported
Contact Name: Liberty Land, LLC
Comments: A 9.76-acre parcel in Gastonia. The site has known soil and groundwater impacts from historical site operations which included the manufacturing of hydraulic components and brake pads and other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MTE HYDRAULICS (Continued)

S105911929

uses. Prospective Developer intends to upgrade the property for manufacturing purposes and additional commercial use.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GASTONIA	1003868294	BIGGERSTAFF LDFL	HWY 274	28052	CERC-NFRAP
GASTONIA	U001196272	CAROLINA TEXTILE SALES/GASTON	HWY 29 & W HWY	28052	UST
GASTONIA	S105912269	CITY OF GASTONIA 2ND AVE. PARK	2ND AVE		SHWS, IMD
GASTONIA	U003202279		RT 3	28052	UST
GASTONIA	S110629321	UNITED OIL TANKER SPILL	HWY 321 S		LAST
GASTONIA	S104913432	SMITH WELL & PETTY MACHINE COM	HWY 321 & FORBES RD		IMD
GASTONIA	U003562655	PETTY MACHINE CO.	HWY 321 S	28052	UST
GASTONIA	S105764436	CR PRECISION SEALS	HWY 321		IMD, LUST
GASTONIA	S105807427	IMPACT PLASTICS	HWY 321 N		IMD, LAST
GASTONIA	S105894732	THE 321 PANTRY	HWY 321 & CLYDE ST	28052	IMD, LUST
GASTONIA	U001196913	SOUTH GASTONIA VFD	HWY 321 S	28052	UST
GASTONIA	1004747404	STOVALL FOUNDRY INC	2306 HWY 321 S	28052	RCRA-NonGen, FINDS
GASTONIA	S105219435	GATE STATION #402	RT 6		LUST TRUST
GASTONIA	U003136417	SAUNDERS SYSTEM. INC.	RT 6	28052	UST
GASTONIA	S105702781	KEENER RESIDENCE	RT 8		IMD, LAST
GASTONIA	S103229305	LEE'S MOTOR WORKS	BEATY RD		SHWS
GASTONIA	S103554363	GASTONIA COAL GAS PLANT	CALDWELL RD		SHWS, IMD, VCP
GASTONIA	S105516896	CARSONS DRY CLEANERS (FORMER)	400 CHESTER AVENUE JCT		SHWS, IMD, LAST
GASTONIA	S109015441	GASTON COUNTY DEVELOPMENT CORPORAT	COURT DR		SHWS, LAST
GASTONIA	S104918891	CROWDERS MOUNTAIN STATE PARK	CROWDERS MOUNTAIN STATE PARK		SHWS, IMD
GASTONIA	S105911933	FAIRVIEW TRAILER PARK	DAVIDSON AVE		SHWS, IMD
GASTONIA	S106022506	DIXIE VILLAGE SOLVENTS	W FRANKLIN		SHWS, IMD, LAST
GASTONIA	S103229237	HARWELL ROAD INCIDENT	HARWELL RD		SHWS, IMD
GASTONIA	1001230520	GASTONIA INDUSTRIAL TRUCK	HEMPHILL RD		CERC-NFRAP, SHWS
GASTONIA	S103554472	MOORE CO., INC./EASCO HAND TOO	ISLEY RD		SHWS, IMD
GASTONIA	1004746404	RUSSELL'S	2825 KINGS MT HWY	28052	RCRA-CESQG, FINDS
GASTONIA	S109163963	GASTON COUNTY (AUTEN ROAD)	MONTEREY PARK DR		SWF/LF
GASTONIA	S109316503	DELTA MILLS-FORMER RAGAN LDFL	OATES ROAD NEAR HWY		SHWS
GASTONIA	U001196596	UNKNOWN - OUR #56-8805-105	OLD USHY HWY 29	28052	UST
GASTONIA	S108930348	CERTIFIED PLATING	2738 E OZARK PLATING		SHWS
GASTONIA	S103229255	HOOVER MACHINE SHOP	RATCHFORD RD		SHWS, VCP
GASTONIA	S104918998	GASTON COUNTY DRUM	ROBERTS DR		SHWS
GASTONIA	U001206619	CROWDER CREEK WASTEWATER PLAN	USHY 321	28052	UST
GASTONIA	1003869220	WOOD ROAD DRUM BURIAL	WOOD RD (SR 2641).5 MI. FROM S	28052	CERC-NFRAP
GASTONIA	S105912201	SERVCO NO. 2011 / CARSON RD.	2907 YORK ROAD HWY		IMD, LAST
GASTONIA	S103130394	CITY OF GASTONIA WTP	YORK ST		IMD
GASTONIA	U001195684	TI-CARO PINKEY PLANT	YORK RD	28052	UST
GASTONIA	U001195681	TI-CARO VICTORY PLANT	YORK RD	28052	UST
GASTONIA	1004744561	RAUCH INDUSTRIES INC	6049 S YORK RD	28052	RCRA-NonGen, FINDS
MCCOLL	U003519819	CAROLINA & SOUTHERN PROCESSING	RT 1 BOX 475	28052	UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 06/30/2011	Source: EPA
Date Data Arrived at EDR: 07/12/2011	Telephone: N/A
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/12/2011
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/23/2012
	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: 06/30/2011	Source: EPA
Date Data Arrived at EDR: 07/12/2011	Telephone: N/A
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/12/2011
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/23/2012
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 06/30/2011	Source: EPA
Date Data Arrived at EDR: 07/12/2011	Telephone: N/A
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/12/2011
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/23/2012
	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: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/29/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 10/14/2011
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/23/2012
	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: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/29/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/09/2011
Date Data Arrived at EDR: 03/15/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 91

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/16/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2011	Telephone: 703-603-0695
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 09/12/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 12/26/2011
	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: 03/16/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2011	Telephone: 703-603-0695
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 09/12/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 12/26/2011
	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: 10/03/2011	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-267-2180
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 10/04/2011
Number of Days to Update: 38	Next Scheduled EDR Contact: 01/16/2012
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

HSDS: Hazardous Substance Disposal Site

Locations of uncontrolled and unregulated hazardous waste sites. The file includes sites on the National Priority List as well as those on the state priority list.

Date of Government Version: 08/09/2011	Source: North Carolina Center for Geographic Information and Analysis
Date Data Arrived at EDR: 11/08/2011	Telephone: 919-754-6580
Date Made Active in Reports: 12/05/2011	Last EDR Contact: 11/08/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/20/2012
	Data Release Frequency: Biennially

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Sites Inventory

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: 09/30/2011	Source: Department of Environment, Health and Natural Resources
Date Data Arrived at EDR: 10/20/2011	Telephone: 919-508-8400
Date Made Active in Reports: 11/23/2011	Last EDR Contact: 09/19/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

SWF/LF: List of Solid Waste Facilities

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: 10/04/2011	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 10/05/2011	Telephone: 919-733-0692
Date Made Active in Reports: 10/25/2011	Last EDR Contact: 10/05/2011
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/16/2012
	Data Release Frequency: Semi-Annually

OLI: Old Landfill Inventory

Old landfill inventory location information. (Does not include no further action sites and other agency lead sites).

Date of Government Version: 10/14/2011	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 10/20/2011	Telephone: 919-733-4996
Date Made Active in Reports: 11/23/2011	Last EDR Contact: 10/18/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/30/2012
	Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Regional UST Database

This database contains information obtained from the Regional Offices. It provides a more detailed explanation of current and historic activity for individual sites, as well as what was previously found in the Incident Management Database. Sites in this database with Incident Numbers are considered LUSTs.

Date of Government Version: 11/04/2011	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 11/16/2011	Telephone: 919-733-1308
Date Made Active in Reports: 11/23/2011	Last EDR Contact: 11/16/2011
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/27/2012
	Data Release Frequency: Quarterly

LUST TRUST: State Trust Fund Database

This database contains information about claims against the State Trust Funds for reimbursements for expenses incurred while remediating Leaking USTs.

Date of Government Version: 10/14/2011	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 10/18/2011	Telephone: 919-733-1315
Date Made Active in Reports: 11/08/2011	Last EDR Contact: 10/18/2011
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/30/2012
	Data Release Frequency: Semi-Annually

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tank site locations.

Date of Government Version: 11/04/2011	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 11/16/2011	Telephone: 877-623-6748
Date Made Active in Reports: 11/23/2011	Last EDR Contact: 11/16/2011
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/27/2012
	Data Release Frequency: Quarterly

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/31/2011
Date Data Arrived at EDR: 02/01/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 48

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 08/11/2011
Date Data Arrived at EDR: 08/12/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 32

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Semi-Annually

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

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2011
Next Scheduled EDR Contact: 02/13/2012
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: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

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

Date of Government Version: 02/16/2011
Date Data Arrived at EDR: 06/02/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 103

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

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: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Petroleum Underground Storage Tank Database

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: 09/23/2011	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 10/06/2011	Telephone: 919-733-1308
Date Made Active in Reports: 10/31/2011	Last EDR Contact: 11/16/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 02/27/2012
	Data Release Frequency: Quarterly

AST: AST Database

Facilities with aboveground storage tanks that have a capacity greater than 21,000 gallons.

Date of Government Version: 09/26/2011	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 09/26/2011	Telephone: 919-715-6183
Date Made Active in Reports: 11/01/2011	Last EDR Contact: 09/26/2011
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: Semi-Annually

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6137
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 02/13/2012
	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: 04/01/2011	Source: EPA Region 7
Date Data Arrived at EDR: 06/01/2011	Telephone: 913-551-7003
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2011	Source: EPA, Region 1
Date Data Arrived at EDR: 11/01/2011	Telephone: 617-918-1313
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 10	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/04/2011	Source: EPA Region 9
Date Data Arrived at EDR: 08/05/2011	Telephone: 415-972-3368
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 39	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/11/2011	Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2011	Telephone: 404-562-9424
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 32	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/02/2011	Source: EPA Region 10
Date Data Arrived at EDR: 11/04/2011	Telephone: 206-553-2857
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Quarterly

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: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 07/01/2011	Source: EPA Region 5
Date Data Arrived at EDR: 08/26/2011	Telephone: 312-886-6136
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 18	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 10/17/2011
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/30/2012
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: No Further Action Sites With Land Use Restrictions Monitoring

A land use restricted site is a property where there are limits or requirements on future use of the property due to varying levels of cleanup possible, practical, or necessary at the site.

Date of Government Version: 09/30/2011	Source: Department of Environment, Health and Natural Resources
Date Data Arrived at EDR: 10/20/2011	Telephone: 919-508-8400
Date Made Active in Reports: 11/23/2011	Last EDR Contact: 12/17/2110
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal voluntary cleanup sites

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: 08/04/2011	Source: EPA, Region 1
Date Data Arrived at EDR: 10/04/2011	Telephone: 617-918-1102
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 10/04/2011
Number of Days to Update: 38	Next Scheduled EDR Contact: 01/16/2012
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

VCP: Responsible Party Voluntary Action Sites

Responsible Party Voluntary Action site locations.

Date of Government Version: 09/30/2011	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 10/20/2011	Telephone: 919-508-8400
Date Made Active in Reports: 11/23/2011	Last EDR Contact: 09/19/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Semi-Annually

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Projects Inventory

A brownfield site is an abandoned, idled, or underused property where the threat of environmental contamination has hindered its redevelopment. All of the sites in the inventory are working toward a brownfield agreement for cleanup and liability control.

Date of Government Version: 09/30/2010	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 04/15/2011	Telephone: 919-733-4996
Date Made Active in Reports: 05/04/2011	Last EDR Contact: 10/14/2011
Number of Days to Update: 19	Next Scheduled EDR Contact: 01/23/2012
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/27/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/27/2011	Telephone: 202-566-2777
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 09/28/2011
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/09/2012
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	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.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/26/2011
Number of Days to Update: 137	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

HIST LF: Solid Waste Facility Listing

A listing of solid waste facilities.

Date of Government Version: 11/06/2006	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 02/13/2007	Telephone: 919-733-0692
Date Made Active in Reports: 03/02/2007	Last EDR Contact: 01/19/2009
Number of Days to Update: 17	Next Scheduled EDR Contact: 04/19/2009
	Data Release Frequency: Quarterly

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 11/07/2011
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/20/2012
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/08/2011	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/16/2011	Telephone: 202-307-1000
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 12/05/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 03/19/2012
	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	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/23/2009
Number of Days to Update: 131	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: 09/09/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/16/2011	Telephone: 202-564-6023
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/13/2012
	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	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/22/2011
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/05/2012
	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: 10/04/2011	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-366-4555
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 10/04/2011
Number of Days to Update: 38	Next Scheduled EDR Contact: 01/16/2012
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Other Ascertainable 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.

Date of Government Version: 06/15/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/07/2011	Telephone: (404) 562-8651
Date Made Active in Reports: 08/08/2011	Last EDR Contact: 10/05/2011
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/16/2012
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/29/2011	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/09/2011	Telephone: 202-366-4595
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 11/08/2011
Number of Days to Update: 94	Next Scheduled EDR Contact: 02/20/2012
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/20/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/30/2012
	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: 12/31/2009	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/12/2010	Telephone: 202-528-4285
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 09/12/2011
Number of Days to Update: 112	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 06/01/2011	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 08/19/2011	Telephone: Varies
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/03/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/16/2012
	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: 07/31/2011	Source: EPA
Date Data Arrived at EDR: 09/14/2011	Telephone: 703-416-0223
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 09/14/2011
Number of Days to Update: 15	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/21/2010	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 11/29/2011
Number of Days to Update: 99	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 08/18/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 12/07/2011
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/19/2012
	Data Release Frequency: Semi-Annually

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: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/17/2010	Telephone: 202-566-0250
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 12/02/2011
Number of Days to Update: 94	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Annually

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: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 09/27/2011
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/28/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/28/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 01/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/21/2011	Telephone: 202-564-5088
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 09/26/2011
Number of Days to Update: 59	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 10/19/2011
Number of Days to Update: 98	Next Scheduled EDR Contact: 01/30/2012
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 09/12/2011
Number of Days to Update: 60	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Quarterly

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: 01/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/13/2011	Telephone: 202-343-9775
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 10/13/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/23/2012
	Data Release Frequency: Quarterly

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: 04/14/2010	Source: EPA
Date Data Arrived at EDR: 04/16/2010	Telephone: (404) 562-9900
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 09/13/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Quarterly

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: 12/31/2009	Source: EPA/NTIS
Date Data Arrived at EDR: 03/01/2011	Telephone: 800-424-9346
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/30/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IMD: Incident Management Database

Groundwater and/or soil contamination incidents

Date of Government Version: 07/21/2006
Date Data Arrived at EDR: 08/01/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 22

Source: Department of Environment and Natural Resources
Telephone: 919-733-3221
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Quarterly

UIC: Underground Injection Wells Listing

A listing of uncerground injection wells locations.

Date of Government Version: 11/15/2011
Date Data Arrived at EDR: 11/17/2011
Date Made Active in Reports: 11/23/2011
Number of Days to Update: 6

Source: Department of Environment & Natural Resources
Telephone: 919-733-3221
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Sites

Potential and known drycleaning sites, active and abandoned, that the Drycleaning Solvent Cleanup Program has knowledge of and entered into this database.

Date of Government Version: 08/31/2011
Date Data Arrived at EDR: 09/27/2011
Date Made Active in Reports: 10/25/2011
Number of Days to Update: 28

Source: Department of Environment & Natural Resources
Telephone: 919-508-8400
Last EDR Contact: 09/27/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: Varies

NPDES: NPDES Facility Location Listing

General information regarding NPDES(National Pollutant Discharge Elimination System) permits.

Date of Government Version: 05/12/2011
Date Data Arrived at EDR: 05/13/2011
Date Made Active in Reports: 06/16/2011
Number of Days to Update: 34

Source: Department of Environment & Natural Resources
Telephone: 919-733-7015
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 02/20/2012
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: 10/20/2011
Next Scheduled EDR Contact: 01/30/2012
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.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/24/2011
Next Scheduled EDR Contact: 02/06/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 01/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2009	Telephone: 202-566-0517
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 11/04/2011
Number of Days to Update: 100	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/20/2011
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/30/2012
	Data Release Frequency: N/A

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

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

Date of Government Version: 09/23/2011	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 10/06/2011	Telephone: 919-733-1322
Date Made Active in Reports: 11/01/2011	Last EDR Contact: 11/16/2011
Number of Days to Update: 26	Next Scheduled EDR Contact: 02/27/2012
	Data Release Frequency: Quarterly

FINANCIAL ASSURANCE 3: Financial Assurance Information

Hazardous waste financial assurance information.

Date of Government Version: 10/13/2011	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 10/13/2011	Telephone: 919-508-8549
Date Made Active in Reports: 11/23/2011	Last EDR Contact: 10/03/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/16/2012
	Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

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

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 10/18/2011
Number of Days to Update: 76	Next Scheduled EDR Contact: 01/30/2012
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 08/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 09/16/2011
Number of Days to Update: 77	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH: Coal Ash Disposal Sites

A listing of coal combustion products distribution permits issued by the Division for the treatment, storage, transportation, use and disposal of coal combustion products.

Date of Government Version: 12/31/2007	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 08/04/2009	Telephone: 919-807-6359
Date Made Active in Reports: 08/17/2009	Last EDR Contact: 11/07/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/20/2012
	Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

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

Date of Government Version: 05/04/2011	Source: Department of Environmental & Natural Resources
Date Data Arrived at EDR: 05/05/2011	Telephone: 919-508-8496
Date Made Active in Reports: 06/16/2011	Last EDR Contact: 10/17/2011
Number of Days to Update: 42	Next Scheduled EDR Contact: 01/16/2012
	Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

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.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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: 12/31/2007	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/26/2009	Telephone: 860-424-3375
Date Made Active in Reports: 09/11/2009	Last EDR Contact: 11/22/2011
Number of Days to Update: 16	Next Scheduled EDR Contact: 03/05/2012
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/20/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/18/2011
Next Scheduled EDR Contact: 01/30/2012
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: 08/01/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 09/16/2011
Number of Days to Update: 38

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/08/2011
Next Scheduled EDR Contact: 02/20/2012
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: 717-783-8990
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/24/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
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: Rextag Strategies Corp.
Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Care Facility List

Source: Department of Health & Human Services

Telephone: 919-662-4499

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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 Environment & Natural Resources

Telephone: 919-733-2090

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PROJECT CRUSH
5401 SOUTH YORK HIGHWAY
GASTONIA, NC 28052

TARGET PROPERTY COORDINATES

Latitude (North):	35.17390 - 35° 10' 26.0"
Longitude (West):	81.1964 - 81° 11' 47.1"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	482115.8
UTM Y (Meters):	3892147.8
Elevation:	735 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	35081-B2 GASTONIA SOUTH, NC
Most Recent Revision:	1996

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two 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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

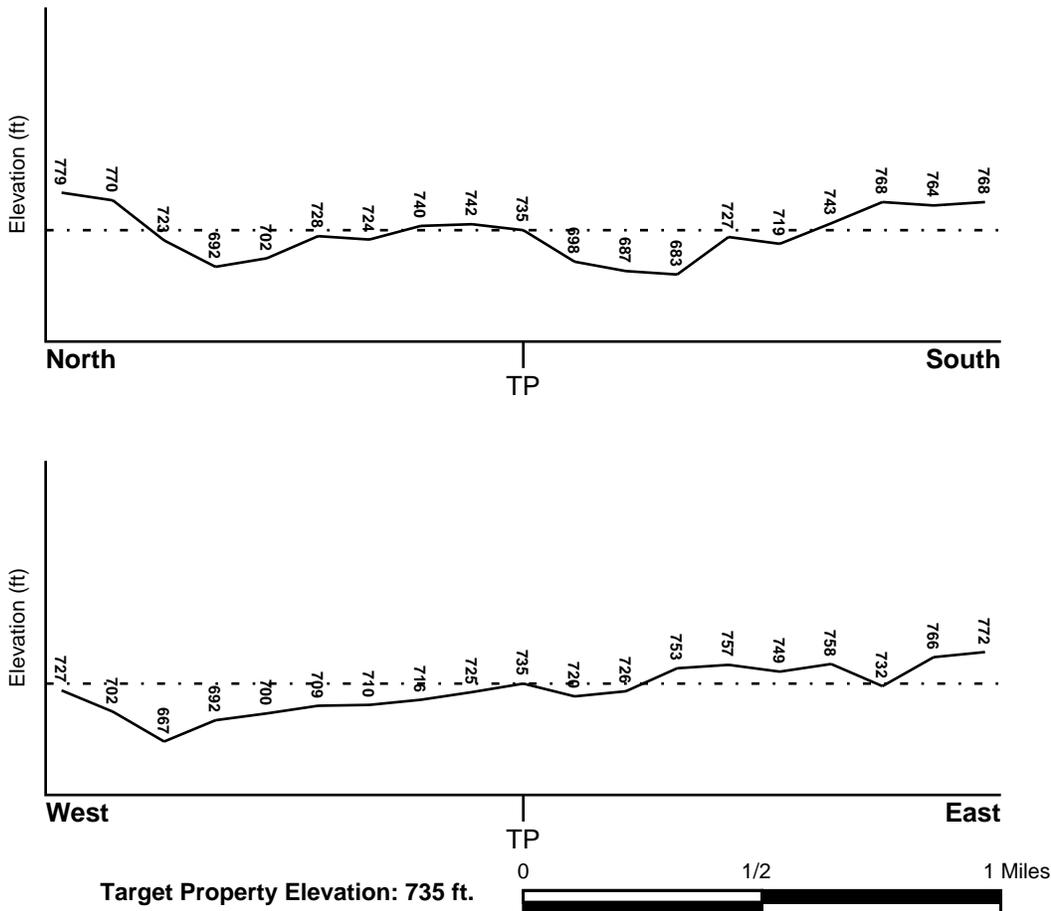
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Target Property County
GASTON, NC

FEMA Flood Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 37071C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
GASTONIA SOUTH

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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Ordovician
Series: Lower Paleozoic granitic rocks
Code: Pzg1 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

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

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 clay 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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50
2	7 inches	11 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50
3	11 inches	50 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50
4	50 inches	75 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: sandy loam
loam
clay loam
silt loam
very channery - silt loam
gravelly - sandy loam

Surficial Soil Types: sandy loam
loam
clay loam
silt loam
very channery - silt loam
gravelly - sandy loam

Shallow Soil Types: sandy clay
silt loam
silty clay loam
clay
very channery - silt loam
loam

Deeper Soil Types: silty clay loam
weathered bedrock
fine sandy loam
unweathered bedrock
sandy clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS2282167	1/8 - 1/4 Mile NE
2	USGS2282170	1/8 - 1/4 Mile NNE
4	USGS2282175	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
3	NC0136176	1/2 - 1 Mile NNW

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

STATE DATABASE WELL INFORMATION

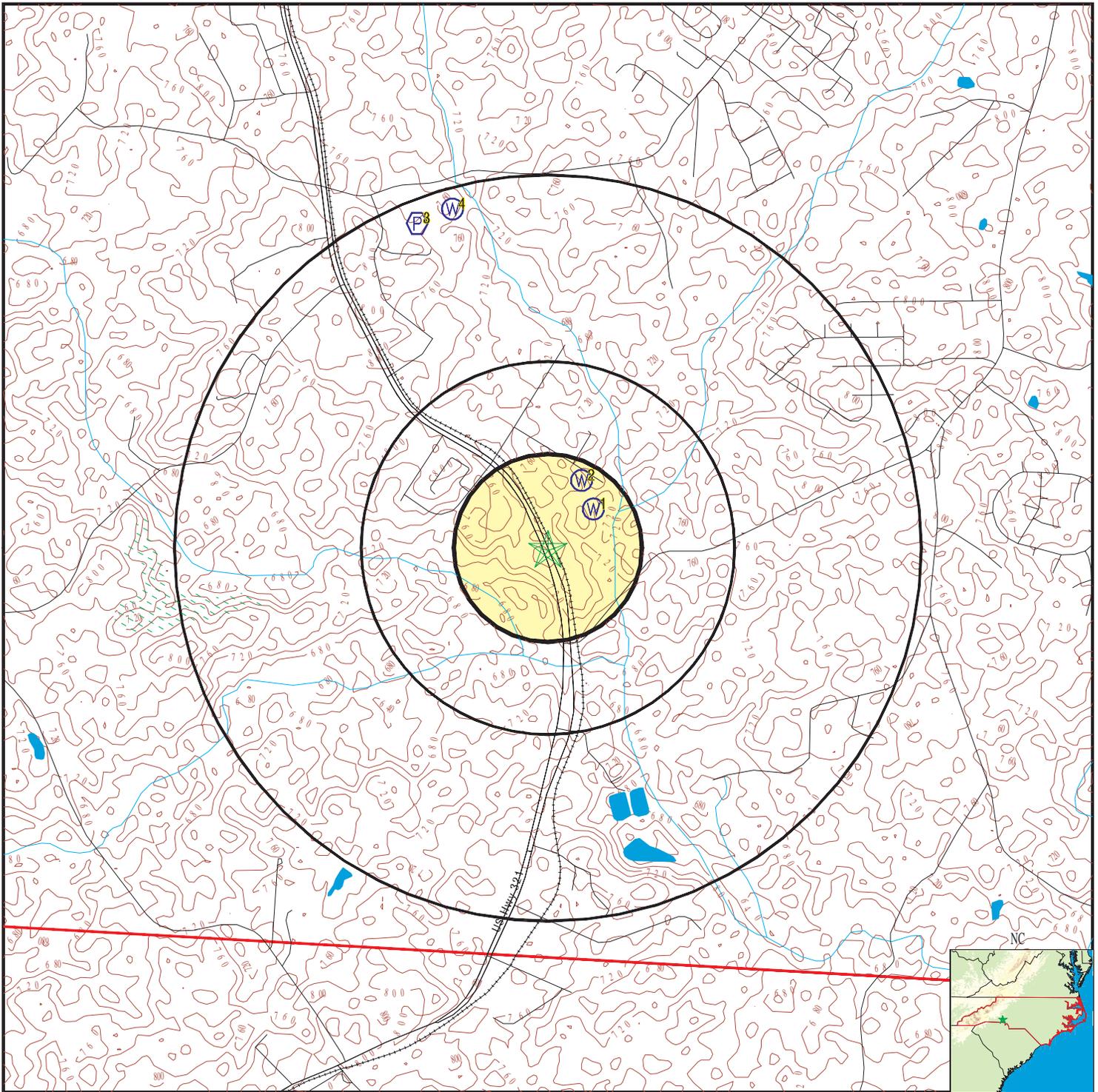
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

OTHER STATE DATABASE INFORMATION

NORTH CAROLINA SIGNIFICANT NATURAL HERITAGE AREAS DATABASE:

<u>ID</u>	<u>Name</u>
NC10002537	PENEGAR GASTONIA SOUTH

PHYSICAL SETTING SOURCE MAP - 3221010.2s



County Boundary

Major Roads

Contour Lines

Earthquake epicenter, Richter 5 or greater

Water Wells

Public Water Supply Wells

Cluster of Multiple Icons



Groundwater Flow Direction

Indeterminate Groundwater Flow at Location

Groundwater Flow Varies at Location

Wildlife Areas

Natural Areas

Rare & Endangered Species



SITE NAME: Project Crush
 ADDRESS: 5401 South York Highway
 Gastonia NC 28052
 LAT/LONG: 35.1739 / 81.1964

CLIENT: AECOM
 CONTACT: Jennifer Jones
 INQUIRY #: 3221010.2s
 DATE: December 08, 2011 12:02 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
NE
1/8 - 1/4 Mile
Lower

FED USGS USGS2282167

Agency cd:	USGS	Site no:	351031081114001
Site name:	GS-235	EDR Site id:	USGS2282167
Latitude:	351031	Dec lat:	35.1754155
Longitude:	0811140	Coor meth:	M
Dec lon:	-81.19424362	Latlong datum:	NAD27
Coor accr:	S	District:	37
Dec latlong datum:	NAD83	County:	071
State:	37	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	SCHIST		
Well depth:	90.0	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)		
Project number:	453709900		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1952-00-00	Ground water data end date:	1952-00-00
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1952	48	

2
NNE
1/8 - 1/4 Mile
Lower

FED USGS USGS2282170

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	351035081114201
Site name:	GS-234		
Latitude:	351035	EDR Site id:	USGS2282170
Longitude:	0811142	Dec lat:	35.1765266
Dec lon:	-81.1947992	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	37
State:	37	County:	071
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	SCHIST		
Well depth:	0.0	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)		
Project number:	453709900		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

3
NNW
1/2 - 1 Mile
Higher

FRDS PWS NC0136176

Pwsid:	NC0136176	Epa region:	04
State:	NC	County:	Gaston
Pws name:	PINES MHP		
Population Served:	173	Pwssvconn:	68
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Private
Facility id:	11124		
Facility name:	TREATMENT_PLT_WELL #1		
Facility type:	Treatment_plant	Treatment process:	ph adjustment
Treatment objective:	corrosion control		
Contact name:	MCCALL, DAVE		
Original name:	MCCALL, DAVE		
Contact phone:	704-891-4702	Contact address1:	21019 LAKEVIEW CIRCLE
Contact address2:	MCCALL PROPERTIES INC		
Contact city:	CORNELIUS		
Contact zip:	28031		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	NC0136176	Epa region:	04
State:	NC	County:	Gaston
Pws name:	PINES MHP		
Population Served:	173	Pwssvcconn:	68
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Private
Facility id:	14649		
Facility name:	WELL #1		
Facility type:	Well	Treatment process:	ph adjustment
Treatment objective:	corrosion control		
Contact name:	MCCALL, DAVE		
Original name:	MCCALL, DAVE		
Contact phone:	704-891-4702	Contact address1:	21019 LAKEVIEW CIRCLE
Contact address2:	MCCALL PROPERTIES INC		
Contact city:	CORNELIUS		
Contact zip:	28031		

Pwsid:	NC0136176	Epa region:	04
State:	NC	County:	Gaston
Pws name:	PINES MHP		
Population Served:	173	Pwssvcconn:	68
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Private
Facility id:	14650		
Facility name:	WELL #2		
Facility type:	Well	Treatment process:	ph adjustment
Treatment objective:	corrosion control		
Contact name:	MCCALL, DAVE		
Original name:	MCCALL, DAVE		
Contact phone:	704-891-4702	Contact address1:	21019 LAKEVIEW CIRCLE
Contact address2:	MCCALL PROPERTIES INC		
Contact city:	CORNELIUS		
Contact zip:	28031		

Pwsid:	NC0136176	Epa region:	04
State:	NC	County:	Gaston
Pws name:	PINES MHP		
Population Served:	173	Pwssvcconn:	68
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Private
Facility id:	3650		
Facility name:	STORAGE_HYDRO_3		
Facility type:	Storage	Treatment process:	ph adjustment
Treatment objective:	corrosion control		
Contact name:	MCCALL, DAVE		
Original name:	MCCALL, DAVE		
Contact phone:	704-891-4702	Contact address1:	21019 LAKEVIEW CIRCLE
Contact address2:	MCCALL PROPERTIES INC		
Contact city:	CORNELIUS		
Contact zip:	28031		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	NC0136176	Epa region:	04
State:	NC	County:	Gaston
Pws name:	PINES MHP		
Population Served:	173	Pwssvconn:	68
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Private
Facility id:	43813		
Facility name:	DISTRIBUTION SYSTEM		
Facility type:	Distribution_system_zone	Treatment process:	ph adjustment
Treatment objective:	corrosion control		
Contact name:	MCCALL, DAVE		
Original name:	MCCALL, DAVE		
Contact phone:	704-891-4702	Contact address1:	21019 LAKEVIEW CIRCLE
Contact address2:	MCCALL PROPERTIES INC		
Contact city:	CORNELIUS		
Contact zip:	28031		

Pwsid:	NC0136176	Epa region:	04
State:	NC	County:	Gaston
Pws name:	PINES MHP		
Population Served:	173	Pwssvconn:	68
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Private
Facility id:	11124		
Facility name:	TREATMENT_PLT_WELL #1		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, post
Treatment objective:	disinfection		
Contact name:	MCCALL, DAVE		
Original name:	MCCALL, DAVE		
Contact phone:	704-891-4702	Contact address1:	21019 LAKEVIEW CIRCLE
Contact address2:	MCCALL PROPERTIES INC		
Contact city:	CORNELIUS		
Contact zip:	28031		

Pwsid:	NC0136176	Epa region:	04
State:	NC	County:	Gaston
Pws name:	PINES MHP		
Population Served:	173	Pwssvconn:	68
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Private
Facility id:	14649		
Facility name:	WELL #1		
Facility type:	Well	Treatment process:	hypochlorination, post
Treatment objective:	disinfection		
Contact name:	MCCALL, DAVE		
Original name:	MCCALL, DAVE		
Contact phone:	704-891-4702	Contact address1:	21019 LAKEVIEW CIRCLE
Contact address2:	MCCALL PROPERTIES INC		
Contact city:	CORNELIUS		
Contact zip:	28031		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	NC0136176	Epa region:	04
State:	NC	County:	Gaston
Pws name:	PINES MHP		
Population Served:	173	Pwssvcconn:	68
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Private
Facility id:	14650		
Facility name:	WELL #2	Treatment process:	hypochlorination, post
Facility type:	Well		
Treatment objective:	disinfection		
Contact name:	MCCALL, DAVE		
Original name:	MCCALL, DAVE		
Contact phone:	704-891-4702	Contact address1:	21019 LAKEVIEW CIRCLE
Contact address2:	MCCALL PROPERTIES INC		
Contact city:	CORNELIUS		
Contact zip:	28031		

Pwsid:	NC0136176	Epa region:	04
State:	NC	County:	Gaston
Pws name:	PINES MHP		
Population Served:	173	Pwssvcconn:	68
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Private
Facility id:	3650		
Facility name:	STORAGE_HYDRO_3	Treatment process:	hypochlorination, post
Facility type:	Storage		
Treatment objective:	disinfection		
Contact name:	MCCALL, DAVE		
Original name:	MCCALL, DAVE		
Contact phone:	704-891-4702	Contact address1:	21019 LAKEVIEW CIRCLE
Contact address2:	MCCALL PROPERTIES INC		
Contact city:	CORNELIUS		
Contact zip:	28031		

Pwsid:	NC0136176	Epa region:	04
State:	NC	County:	Gaston
Pws name:	PINES MHP		
Population Served:	173	Pwssvcconn:	68
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Private
Facility id:	43813		
Facility name:	DISTRIBUTION SYSTEM	Treatment process:	hypochlorination, post
Facility type:	Distribution_system_zone		
Treatment objective:	disinfection		
Contact name:	MCCALL, DAVE		
Original name:	MCCALL, DAVE		
Contact phone:	704-891-4702	Contact address1:	21019 LAKEVIEW CIRCLE
Contact address2:	MCCALL PROPERTIES INC		
Contact city:	CORNELIUS		
Contact zip:	28031		

PWS ID:	NC0136176	
Date Initiated:	Not Reported	Date Deactivated: Not Reported
PWS Name:	PINES MHP	
	GASTONIA, NC 28052	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Addressee / Facility: System Owner/Responsible Party
HYDROLOGIC INC-HAROLD OR MGR
PO BOX 18029
ASHEVILLE, NC 28814

Addressee / Facility: System Owner/Responsible Party
STACY TUCKER
3000 S YORK
GASTONIA, NC 28052

Facility Latitude: 35 11 11.0000 Facility Longitude: 81 12 10.0000
City Served: GASTONIA
Treatment Class: Untreated Population: 173

PWS currently has or had major violation(s) or enforcement: YES

VIOLATIONS INFORMATION:

Violation ID:	9272612	Source ID:	Not Reported	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/89	Vio. end Date:	12/31/91	Vio. Period:	036 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	IRON				
Vio. Awareness Date:	031392				

Violation ID:	9272613	Source ID:	Not Reported	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/89	Vio. end Date:	12/31/91	Vio. Period:	036 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	MANGANESE				
Vio. Awareness Date:	031392				

Violation ID:	9400868	Source ID:	000	PWS Phone:	Not Reported
Vio. beginning Date:	03/01/94	Vio. end Date:	03/31/94	Vio. Period:	001 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:	Monitoring, Routine Major (TCR)				
Contaminant:	COLIFORM (TCR)				
Vio. Awareness Date:	041694				

Violation ID:	9412834	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				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violation ID:	9400574	Source ID:	000	PWS Phone:	Not Reported
Vio. beginning Date:	12/01/93	Vio. end Date:	12/31/93	Vio. Period:	001 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:	MCL, Monthly (TCR)				
Contaminant:	COLIFORM (TCR)				
Vio. Awareness Date:	011994				

ENFORCEMENT INFORMATION:

System Name:	PINES MHP		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1994-03-01 - 1994-03-31		
Violation ID:	9400868		
Enforcement Date:	1994-04-28	Enf. Action:	State Formal NOV Issued
System Name:	PINES MHP		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1994-03-01 - 1994-03-31		
Violation ID:	9400868		
Enforcement Date:	1994-04-28	Enf. Action:	State Public Notif Requested
System Name:	PINES MHP		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1994-03-01 - 1994-03-31		
Violation ID:	9400868		
Enforcement Date:	1994-05-24	Enf. Action:	State Public Notif Received
System Name:	PINES MHP		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2015-12-31		
Violation ID:	9412834		
Enforcement Date:	1996-05-31	Enf. Action:	State Admin Penalty Assessed
System Name:	PINES MHP		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2015-12-31		
Violation ID:	9412834		
Enforcement Date:	1996-05-31	Enf. Action:	State AO (w/penalty) Issued
System Name:	PINES MHP		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2015-12-31		
Violation ID:	9412834		
Enforcement Date:	1996-06-07	Enf. Action:	State Compliance Achieved

4
NNW
 1/2 - 1 Mile
 Higher

FED USGS USGS2282175

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	351113081120401
Site name:	GS-233		
Latitude:	351113	EDR Site id:	USGS2282175
Longitude:	0811204	Dec lat:	35.18708203
Dec lon:	-81.20091058	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	37
State:	37	County:	071
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Not Reported		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	SCHIST		
Well depth:	65.0	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)		
Project number:	453709900		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

Site Name:
Quality:
Acres per Polygon:

PENEGAR GASTONIA SOUTH
Not Reported
24.76

NC_SNHA NC10002537

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: NC Radon

Radon Test Results

Num Results	Avg pCi/L	Min pCi/L	Max pCi/L
4	2.50	1.8	3.6

Federal EPA Radon Zone for GASTON 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: 28052

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.100 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.200 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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 Environment & Natural Resources

Telephone: 919-733-2090

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation 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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

North Carolina Public Water Supply Wells

Source: Department of Environmental Health

Telephone: 919-715-3243

OTHER STATE DATABASE INFORMATION

NC Natural Areas: Significant Natural Heritage Areas

Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

A polygon coverage identifying sites (terrestrial or aquatic that have particular biodiversity significance.

A site's significance may be due to the presence of rare species, rare or high quality natural communities, or other important ecological features.

NC Game Lands: Wildlife Resources Commission Game Lands

Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

All publicly owned game lands managed by the North Carolina Wildlife Resources Commission and as listed in Hunting and Fishing Maps.

NC Natural Heritage Sites: Natural Heritage Element Occurrence Sites

Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

A point coverage identifying locations of rare and endangered species, occurrences of exemplary or unique natural ecosystems (terrestrial or aquatic), and special animal habitats (e.g., colonial waterbird nesting sites).

RADON

State Database: NC Radon

Source: Department of Environment & Natural Resources

Telephone: 919-733-4984

Radon Statistical and Non Statistical Data

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

STREET AND ADDRESS INFORMATION

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