

*Phase I Environmental
Site Assessment*

*5.885 Acre Archdale Drive Site
Charlotte, North Carolina
Geoscience Project No. CH13.0087.EV*

Prepared For:

*TT Of South Boulevard, Inc.
c/o Automotive Management Services, Inc.
505 South Flagler Drive, Suite 700
West Palm Beach, Florida 33401*

September 12, 2013

Prepared By:

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Attention: Ms. Yvette Sharp

Reference: Phase I Environmental Site Assessment
5.885 Acre Archdale Drive Site
Charlotte, North Carolina
Geoscience Project No. CH13.0087.EV

EXECUTIVE SUMMARY

Geoscience Group, Inc. (Geoscience) has completed a Phase I Environmental Site Assessment (ESA) of an approximate 5.885± acre tract located along the northwestern side of Archdale Drive, approximately 650 feet northeast of its intersection with Nations Ford Road in Charlotte, Mecklenburg County, North Carolina. This Phase I ESA has been performed in general accordance with the scope and limitations of ASTM Standard E 1527-05 and in compliance with Geoscience's proposal dated August 14, 2013 (Proposal No. CH13.149P.EV). Any exceptions to, or deletions from, the ASTM E 1527-05 standard of practice are described in the *INTRODUCTION* section of the report. Based upon our findings, this assessment has revealed no evidence of recognized environmental conditions in connection with the subject property.

INTRODUCTION

Purpose: This Phase I ESA was performed in general accordance with ASTM Standard E 1527-05 to identify the presence or likely presence of any hazardous substances [as defined by CERCLA 42 USC §9601(14)] or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release of these products into structures on the property or into the ground, groundwater, or surface water of the property. This includes hazardous substances or petroleum substances under conditions in compliance with laws. *It should be noted that the ASTM E 1527-05 standard of practice does not include an assessment of all possible conditions or circumstances that may exist at the subject site. Several non-scope considerations that were not a part of these assessment activities included, in part, reviews for wetlands, radon, and asbestos among other items not addressed by ASTM Standard E 1527-05.*

Based on the information provided, the Phase I ESA was performed as part of a property transaction. As such, Geoscience understands that the purpose of the assessment was, in part, to satisfy a requirement to qualify for the innocent landowner defense to CERCLA liability. In accordance with the ASTM E 1527-05 standard of practice, this Phase I ESA

included a reconnaissance of the subject site and adjoining properties, interviews with persons knowledgeable about the site, and a review of historical information and regulatory databases. The site reconnaissance and interviews were performed as part of the assessment to obtain information indicating the likelihood of the presence of recognized environmental conditions. Historical and regulatory sources were reviewed to help identify recognized environmental conditions in connection with the property and to develop a history with respect to site usage.

Practically reviewable, publicly available information pertaining to the property was also used to prepare the Phase I ESA. This report interprets and summarizes the information obtained from interviews, document reviews, and site reconnaissance. Pursuant to Geoscience's authorized scope of services, a Chain of Title search (including all deeds, easements, leases, property restrictions and covenants) was not conducted by Geoscience as part of this assessment. As such, it remains the responsibility of the User of this document to investigate the existence of environmental liens in reasonably ascertainable recorded land title records.

Site Reconnaissance: A site reconnaissance was performed by Mr. Thomas C. Hassett, P.E. of Geoscience on August 27, 2013. The reconnaissance consisted of observing the periphery of the property and viewing the site from accessible adjacent public thoroughfares. Interior portions of the site were systematically traversed to provide an overlapping field of view. Visual reconnaissance of adjoining properties was limited to areas and facilities that were readily observable from the subject property or from public access areas. Photographs were taken, where possible, to document the features observed and environmental conditions of concern. *Due to the general limitations imposed by the method of observation, the potential exists that undisclosed environmental conditions may be present between or beneath the areas observed.* A photographic log (Photographs 1 through 17) of the subject site has been provided in Appendix II of this report. The approximate locations and directions of the photographs are shown on the Site Layout, Figure No. CH087-3, in Appendix I.

Interviews: The persons noted in the following table were contacted to obtain information for this assessment. Documentation of our contact with the listed parties is included in Appendix V of this report. Pertinent information reported by the listed parties is discussed in the appropriate sections of the report.

Name	Title/Function	Affiliation	Date	Contact No.
Ms. Angelina Raffo	Client Representative	Automotive Management Services, Inc.	Various	(561) 655-8900
Mr. Ben J. Cassarino, Jr.	Property Owner Representative	The Catellus Group, LLC	8/16/13	(704) 332-7052
General Personnel	Former Adjoining Business	Stikes Cleaners	9/12/13	(704) 522-0235

Information Provided by User: Pursuant to ASTM Standard E 1527-05 § 4.7 and § 5.3, Geoscience requested that TT Of South Boulevard, Inc. (the Client and User of this document) communicate any specialized knowledge or experience that is material to recognized environmental conditions in connection with the property and to identify key personnel for interview purposes. As part of that request, a User Questionnaire was submitted for completion by the Client. Review of the completed User Questionnaire revealed no evidence suggesting the presence of recognized environmental conditions in association with the subject site. In addition, Geoscience was provided with copies of the following documents:

- 1) "Phase I Environmental Site Assessment: Archdale Drive Site" report dated October 17, 2005 prepared by Geoscience (assessed a larger tract of land that included the subject site of this assessment);
- 2) "Report For Phase I Environmental Site Assessment Park 77 Office Building" dated November 15, 1993 prepared by S&ME, Inc. (assessed a nearby property located at 500 Archdale Drive); and
- 3) Title insurance documents for the currently vacant property located across Archdale Drive from the subject property.

Our review of the above listed documents revealed no evidence suggesting the presence of recognized environmental conditions in association with the subject site.

In addition, Geoscience provided the Client with an Environmental Questionnaire to be completed by a representative for the current owner of the property, Royal Partners, LLC. Review of the Environmental Questionnaire, as completed by Mr. Ben J. Cassarino, Jr., President with The Catellus Group, LLC, revealed no evidence suggesting the presence of recognized environmental conditions in association with the subject site. Copies of the completed User and Environmental Questionnaires are included in Appendix V.

SITE DESCRIPTION AND PHYSICAL SETTING

Location And Legal Description: As shown on the enclosed Vicinity Map, Figure No. CH087-1, the subject site is located along the northwestern side of Archdale Drive, approximately 650 feet northeast of its intersection with Nations Ford Road in Charlotte, North Carolina. The site is comprised of Mecklenburg County Parcel ID Nos. 16918210, and 16918214. The approximate legal boundaries of the site are shown on the Tax Line Map included in Appendix I as Figure No. CH087-2.

Site And Vicinity Characteristics: As depicted on the Site Layout, Figure No. CH087-3, the subject property is comprised of an approximately 5.885± acre tract. At the time of our visit, no structures were present on the property. However, three (3) motel buildings formerly occupied the western portion of project site. The approximate footprints of the former buildings are depicted on Figure CH087-3. It is our understanding that the former motel complex was demolished in late 2009 or early 2010. Photographs 1 through 5 in

Appendix II show the portion of the property formerly occupied by the motel complex. As is visible in the photographs, the western portion of the site is largely overgrown with field grass and weeds. However, a small asphalt paved parking area is present on the southern portion of the site. In addition, the gravel sub-base for the motel parking lot was left in place following the demolition. As a result, the ground surface over much of the western portion of the site is covered with gravel.

The eastern portion of the property consists of undeveloped land. As is visible in Photographs 6 through 9, vegetation across this region of the property generally consists of small trees, brush and weeds. However, groundcover on the northeastern portion of the site is primarily field grass.

Morazan Restaurant and a Budget Inn motel (shown in Photographs 10 and 11) adjoin the site to the southwest and north, respectively. Archdale Drive extends along the southeastern and eastern property boundary. The land across Archdale Drive from the subject site is occupied by vacant land that is currently being graded (Photograph 12), and the Archdale Mini Mart & Laundry (Photograph 13). Interstate Highway 77 (I-77) extends along the western property boundary. The Tile Shop, a bathroom and kitchen tile supply store, occupies the land across I-77 from the subject site.

Topography: As part of this assessment, the 2007 County Topographic Map (Figure No. CH087-4), the 1980 City Topographic Map (Figure No. CH087-5) and the 1968 (Photorevised 1980) "Charlotte West, North Carolina", United States Geological Survey (USGS) 7.5-minute quadrangle map (Figure No. CH087-6) were reviewed to obtain information relative to the topography of the subject site and surrounding areas. According to the contour lines of the 2007 County Topographic Map, the ground surface across the site slopes downward from the western portion of the property towards the east and south. A high elevation of approximately 692 feet (MSL) is present in the western portion of the site, with a low elevation of approximately 678 feet (MSL) present at the northeastern property corner.

Surficial And Bedrock Geology: The 1985 Geologic Map of North Carolina was reviewed as a part of this assessment to provide discretionary and non-standard physical setting source information relative to the geology in the vicinity of the subject property. A review of this map indicates that the subject site is located within the Charlotte Belt of the Piedmont Physiographic Province. This Province is generally characterized by igneous intrusive and metamorphic bedrock that is Permian to Ordovician in age. The intrusive rock is typically overlain with a layer of soil and weathered rock, ranging in thickness from 0 to 150 feet. Bedrock within the Charlotte Belt consists primarily of the diorite-granite complex, with the granite appearing to be the predominant component of the complex. According to the Geologic Map, the subject site is underlain with granitic rock.

Surface Water And Groundwater Flow: The predominant source of groundwater in the area is the unconfined soil and crystalline rock aquifer system. Water availability in the aquifer varies with location, rock type, topographic setting and geologic structure. Recharge of the aquifer system is through the infiltration of rainwater.

Surface water and groundwater flow rates and directions were not determined as part of this assessment. However, based upon review of the USGS topographic map, the inferred direction of groundwater flow beneath the subject property is generally southeastward. Based upon visual observations, surface water at the subject property flows towards the east and south.

Soil Conservation Service Map Review: The United States Department of Agriculture Soil Conservation Service (SCS) conducted a soil survey of Mecklenburg County, North Carolina. The soil survey information reviewed for this report was issued by the SCS in July 2012 and describes the soils at the subject site as Cecil Urban-land complex with 2 to 8 percent slopes (CuB), Cecil Urban-land complex with 8 to 15 percent slopes (CuD), and Wilkes-Urban land complex with 8 to 15 percent slopes (WuD).

Utilities: No utilities are currently provided to the subject property. However, the following utilities are available in the surrounding area:

- Electricity provided by Duke Energy
- Natural gas provided by Piedmont Natural Gas
- Potable water and Sewage disposal provided by the Charlotte-Mecklenburg Utility Department (CMUD)

Environmental Liens: As stated previously, a title search was not conducted by Geoscience as part of this assessment. Therefore, it remains the responsibility of the User of this document to investigate the existence of environmental liens in reasonably ascertainable recorded land title records.

PROPERTY USAGE

Current Uses Of The Property: As previously described, the subject property is currently vacant land.

Past Uses Of The Property: To the extent reasonably possible, past uses of the subject property were identified through historical records review, reconnaissance observation, interviews, and/or through client-provided information. Historical information sources researched during this assessment dates allowed uses of the property to be traced back to 1907. A summary of the standard historical sources and data reviewed by Geoscience to identify past uses of the property are listed in the table on the following page. Copies of representative historical source information are provided in the applicable Appendices.

Historical Data Sources	Years Reviewed	Data Source/Publisher	Note
Aerial Photographs	1938, 1951, 1956, 1966, 1968, 1975, 1983, 1990, 1997, 1998, 2002, 2005, 2006, 2007, 2009, 2010, 2012 and 2013	Mecklenburg County Land Use and Environmental Service Agency (LUESA), Mecklenburg County Soil and Water Conservation District, and Google Earth	
Sanborn Maps	No Map Coverage	EDR	
City Directories	1921, 1925, 1931, 1937, 1944, 1949, 1953, 1959, 1964, 1969, 1974, 1975, 1979, 1984, 1989, 1991, 1994, 1999, 2005, 2006, 2007, 2009, 2010, and 2012	EDR	Subject Site Not Listed Until 1994
Property Tax Listings	2013	Mecklenburg County GIS	
City Topographic Map	1980	Mecklenburg County LUESA	
County Topographic Map	2007	Mecklenburg County GIS	
USGS Topographic Map	1907	USGS, "Charlotte, NC - SC" 15-minute quadrangle	
USGS Topographic Map	1968 (Photorevised 1980)	USGS, "Charlotte West, NC" 7.5-minute quadrangle	
USGS Topographic Map	1967 (Photorevised 1988)	USGS, "Charlotte East, NC" 7.5-minute quadrangle	

The historical information developed and reviewed revealed no past uses of the subject property that are considered recognized environmental conditions in connection with the site. The 1907 USGS topographic map depicts no structures on the subject property but does depict a road extending across the site. By the date of the 1938 aerial photograph, the roadway had been realigned to the location of what is now Archdale Drive. However, the remnants of the former road alignment across the subject site are visible on the 1938 aerial photograph. Although the 1907 map does not provide information regarding land use or vegetation, based on the appearance of the subject site and surrounding area in the 1938 aerial photograph, Geoscience concludes that the subject property was likely used for agricultural purposes at that time. Review of the 1938 through 1956 aerial photographs indicates that the southern portion of the property was in agricultural use during that time frame. The northern portion of the property is depicted as undeveloped wooded land in those photographs. Agricultural use of the site apparently ceased some time after 1956 as the 1966 and 1968 aerial photographs show the site as predominantly wooded. The 1975 aerial photograph depicts the site as undeveloped land that had been cleared of trees.

As previously described, the western portion of the property was formerly occupied by a motel facility. Mecklenburg County tax records indicate that the former motel was constructed in 1982. Our review of aerial photographs indicates that the motel complex consisted of three (3) rectangular buildings and associated parking lots that occupied the site until late 2009 or early 2010. The subject property has been vacant since demolition of the former motel. City directory listings indicate that the motel operated under the names Cricket Inn and Royal Inn & Suites.

During the time frame that the western portion of the property was occupied by the former motel, the eastern portion of the site was primarily undeveloped vacant land. However, a gravel covered parking lot was present on the northeastern portion of the site from the mid-1990s until 2007, when entry to the parking lot area was blocked using temporary concrete traffic barriers. The former parking lot area is currently overgrown with field grass.

Current And Past Uses Of Adjoining Properties: The current and past uses of adjoining properties were identified through reconnaissance observation and records review.

North: A Budget Inn motel occupies the land that adjoins the site to the north. Mecklenburg County tax listings indicate that the existing motel was built in 1985. The motel facility is visible on each of the 1990 through 2013 aerial photographs. Further review of aerial photographs indicates that prior to construction of the Budget Inn motel the land north of the subject property had been undeveloped wooded land since at least 1938. The 1907 USGS topographic map depicts no structures or roadways immediately north of the subject site.

East and South: Archdale Drive extends along the eastern and southeastern boundary of the site. The current alignment of Archdale Drive dates from between 1968 and 1975. However, a previous alignment of the road had extended along portions of the eastern and southeastern property boundary since at least 1938. As previously described, the 1907 USGS topographic map depicts a roadway extending across the subject site. This former road was realigned after 1907 to become the 1938 alignment of Archdale Drive.

The land across Archdale Drive from the subject site is occupied by the Archdale Mini Mart & Laundry and undeveloped land. Mecklenburg County tax listings indicate that Archdale Mini Mart & Laundry was constructed in 1971. This business is a combination coin operated laundromat and convenience store. The facility does not currently sell automobile fuel. However, it is our understanding that the facility did so between approximately 1975 and 1993. Potential concerns related to the former underground storage tank (UST) system used to store the fuel are discussed in the *Regulatory Records Review* section later in this report. The Archdale Mini Mart & Laundry facility is visible in each of the 1975 through 2013 aerial photographs. Further review of aerial photographs reveals that, prior to the construction of the existing store, the Archdale Mini Mart & Laundry site had been undeveloped or in agricultural use since at least 1938.

Our review of the 1938 through 2013 aerial photographs reveals that the currently undeveloped land across Archdale Drive from the subject site has been undeveloped since at least 1938. Specifically, the 1938 through 2005 aerial photographs depict this land as wooded. The majority of the trees were removed for the adjoining land after 2005, and the 2006 through 2010 aerial photographs depict the site as primarily covered with field grass and weeds. The 2012 and 2013 aerial photographs depict fill being placed on the adjoining site.

Southwest: As previously described, Morazan Restaurant occupies the land that adjoins the site to the southwest. Mecklenburg County tax listings indicate that the existing restaurant was built in 1978. The restaurant facility is visible on each of the 1982 through 2013 aerial photographs and is depicted on the 1980 City Topographic Map, Figure No. CH087-5. Further review of aerial photographs indicates that prior to construction of the restaurant the land southwest of the subject property had been undeveloped wooded land or part of an agricultural field since at least 1938. The 1907 USGS topographic map depicts no structures or roadways immediately southwest of the subject site.

West: I-77 extends long the western property boundary. The adjoining highway was built during the mid-1960s and is depicted as under construction on the 1966 aerial photograph. The Tile Shop, a bathroom and kitchen tile supply store, occupies the land across I-77 from the subject site. Mecklenburg County tax listings indicate that the existing store was built in 1988 and it is visible on each of the 1990 through 2013 aerial photographs. Further review of aerial photographs indicates that, prior to construction of the existing highway and store facility, the land west of the subject property had been in rural residential and agricultural use since at least 1938. The 1907 USGS topographic map depicts no structures or roadways immediately west of the subject site.

REGULATORY RECORDS REVIEW

Information for the standard Federal, State and Tribal environmental record sources specified in ASTM Standard E 1527-05 § 8.2.1 was obtained through Environmental Data Resources, Inc. (EDR). Regulatory database information was reviewed to help identify evidence of recognized environmental conditions in connection with the property. The number of listed sites identified within the approximate minimum search distance (AMSD) specified in the Federal and State standard environmental records database are summarized in the table below. Detailed information for sites identified within the AMSD is provided following the table along with our professional judgment about the significance, if any, of the listing. Copies of the EDR research data and a description of the databases are included in Appendix IV of this report.

Database	Target Property	Search Distance (Miles)	< 1/8	1/8-1/4	1/4-1/2	1/2- 1	>1	Total Plotted
Federal Records								
NPL		1	0	0	0	0	NR	0
Proposed NPL		1	0	0	0	0	NR	0
Delisted NPL		1	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
CERCLIS		1/2	0	0	0	NR	NR	0
CERC-NFRAP		1/2	0	0	0	NR	NR	0
LIENS 2		TP	NR	NR	NR	NR	NR	0
CORRACTS		1	0	0	0	0	NR	0
RCRA TSDF		1/2	0	0	0	NR	NR	0
RCRA LQG		1/4	0	0	NR	NR	NR	0
RCRA SOG		1/4	0	0	NR	NR	NR	0
RCRA CESQG		1/4	0	0	NR	NR	NR	0
RCRA NonGen		1/4	0	0	NR	NR	NR	0
US ENG CONTROLS		1/2	0	0	0	NR	NR	0
US INST CONTROL		1/2	0		0	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
US CDL		TP	NR	NR	NR	NR	NR	0
US BROWNFIELDS		1/2	0			NR	NR	0
DOD		1	0	0	0	0	NR	0
FUDS		1	0	0	0	0	NR	0
LUCIS		1/2	0	0	0	NR	NR	0
CONSENT		1	0	0	0	0	NR	0
ROD		1	0	0	0	0	NR	0
UMTRA		1/2	0	0	0	NR	NR	0
ODI		1/2	0	0	0	NR	NR	0
MINES		1/4	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		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
SCRD DRYCLEANERS		1/2	0	0	0	NR	NR	0

Database (Continued)	Target Property	Search Distance (Miles)	< 1/8	1/8-1/4	1/4-1/2	1/2- 1	>1	Total Plotted
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State and Local Records

SHWS		1	0	0	0	1	NR	1
NC HSIDS		1	0	0	0	0	NR	0
IMD		1/2	1	2	0	NR	NR	3
SWF/LF		1/2	0	0	0	NR	NR	0
OLI		1/2	0	0	0	NR	NR	0
HIST LF		1/2	0	0	0	NR	NR	0
LUST		1/2	0	2	1	NR	NR	3
LUST TRUST		1/2	0	1	0	NR	NR	1
LAST		1/2	0	0	0	NR	NR	0
UST		1/4	0	4	NR	NR	NR	4
AST		1/4	0	0	NR	NR	NR	0
INST CONTROL		1/2	0	0	0	NR	NR	0
VCP		1/2	0	0	0	NR	NR	0
DRYCLEANERS		1/4	0	0	NR	NR	NR	0
BROWNFIELDS		1/2	0	0	0	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0

Tribal Records

INDIAN RESERV		1	0	0	0	0	NR	0
INDIAN ODI		1/2	0	0	0	NR	NR	0
INDIAN LUST		1/2	0	0	0	NR	NR	0
INDIAN UST		1/4	0	0	NR	NR	NR	0
INDIAN VCP		1/2	0	0	0	NR	NR	0

EDR Proprietary Records

Manufactured Gas Plant		1	0	0	0	0	NR	0
EDR Historical Auto Stations		1/4	0	0	NR	NR	NR	0
EDR Historical Cleaners		1/4	0	5	NR	NR	NR	5

NOTES: TP = Target Property; NR = Not Requested at this Search Distance; Sites may be listed in more than one database.

Subject Property Database Findings: No listings for the subject property were discovered during the regulatory records review.

Adjoining Property Database Findings: Four (4) listings for the northeast adjoining Archdale Mini Mart & Laundry property were discovered during the records review under the site names "Circle K 8375", "7-11 Store #15061" and "Stikes Cleaners Laundry" on the LUST, IMD, UST, and EDR Historical Cleaners databases. Details concerning these listings are discussed below:

Petroleum USTs: The Circle K and 7-11 listings pertain to a UST system that was formerly used to store gasoline for retail sale. Geoscience has reviewed the October 1993 UST closure report prepared by Groundwater Technology describing removal of the UST system. The information presented in the report indicates that approximately 30 cubic yards of petroleum impacted soils were excavated from the tank basin following removal of the USTs. Laboratory analysis of soil samples collected from the bottom of the resulting excavation demonstrated that soils left in place did not exceed remediation goals established by the State that were in effect at that time. The impacted soils were subsequently transported off-site for proper disposal. The North Carolina Division of Environmental Management reviewed the UST closure information and issued a "No Further Action" closing the incident on January 28, 1994. Copies of the Groundwater Technology UST closure report and the January 1994 "No Further Action" letter are included in Appendix V. Given that the available evidence suggests that the petroleum release was successfully remediated and that the incident has been closed by the appropriate State agency, Geoscience does not consider the gasoline release at the adjoining property to be a recognized environmental condition in association with the subject site.

Potential Dry-Cleaning Operations: Inclusion of a property on the EDR Historic Cleaners database is the result of city directory listings with business names indicative of laundry or dry-cleaning operations. The northeastern adjoining property is listed in the 1975 through 2002 city directories under the names Stikes Cleaners Laundry and Fashion Cleaners & Laundry. Geoscience observed the interior of the laundry facility as it currently exists in the Archdale Mini Mart & Laundry business. As previously described, the existing laundry facility is a coin operated laundromat. No dry-cleaning machines were observed in the building.

In an effort to obtain information regarding historic operations at the adjoining property, Geoscience attempted to contact the former operators of the Fashion Cleaners & Laundry and Stikes Cleaners businesses. Geoscience was unable to locate the former operator of Fashion Cleaners & Laundry. However, Stikes Cleaners is an existing business currently operating from a location on Nations Ford Road. Unfortunately, personnel at Stikes Cleaners indicated that the business has changed ownership several times. As a result, nobody currently associated with the business has knowledge of historic operations at the northeastern adjoining property.

The North Carolina Drycleaning Solvent Cleanup Act (DSCA) Program maintains a database of potential former dry-cleaning facilities. This database was compiled using information obtained from Department of Labor boiler inspection lists, since dry-cleaners commonly use boilers to generate steam. The DSCA Program database includes no entry for the adjoining property.

Based on our observation of the existing laundry interior and the lack of boiler inspections, Geoscience concludes that it is not likely that dry-cleaning operations were performed at the adjoining site. As such, we do not consider the historic Fashion Cleaners & Laundry and Stikes Cleaners businesses to be recognized environmental conditions in association with the subject site. Furthermore, based on review of the USGS topographic map, the inferred direction of groundwater flow beneath the adjoining property is toward the southeast, away from the subject site. Therefore, even if dry-cleaning operations were performed on the adjoining property, contamination associated with releases resulting from those operations would be expected to migrate away from the subject site.

Non-Adjoining Property Database Findings: Ten (10) listings for non-adjoining properties were found during the regulatory records review. Details concerning these listings are discussed below:

Celanese Corporation/Fibers: A listing for the Celanese Corporation/Fibers facility was discovered on the IMD database. EDR lists this facility as having a street address of 230 Archdale Drive and has mapped the site as directly adjacent to the subject property. However, it is our understanding that the Celanese Corporation/Fibers facility was actually located at 2300 and 2400 Archdale Drive, approximately 1.5 miles east of the subject property. Therefore, Geoscience concludes that the facility was incorrectly mapped by EDR. Given the distance from the subject property of Celanese Corporation/Fibers facility site, we do not consider the listed facility to be a recognized environmental condition in association with the subject site.

Remaining Sites: Based upon their EDR-reported locations and review of the USGS topographic map, each of the remaining non-adjoining sites appear to be situated within areas that are considered to be hydraulically down gradient or cross gradient from the subject property, with inferred directions of groundwater flowing away from the subject property. Given their inferred directions of groundwater flow and/or regulatory status, the incidents associated with the remaining non-adjoining properties are not expected to adversely impact the subject site. As such, we do not consider these sites to be recognized environmental conditions in association with the subject property.

Orphan Sites: During compilation of the EDR database report, some potential risk properties may be identified which cannot be accurately mapped due to poor or inadequate address information. These properties are usually listed in the EDR report as unmappable. According to EDR, twenty (20) listings for unmappable (orphan) sites were identified in the database findings. At the time of our site visit, a vehicular reconnaissance of the area within approximately 1/2 mile of the subject property was conducted in an effort to locate orphan sites. No orphan sites were identified during the vehicular reconnaissance.

Additional Environmental Record Sources: Pursuant to ASTM Standard E 1527-05 § 8.2.2, additional environmental record sources were obtained to enhance and/or supplement the standard environmental record sources. As part of this Phase I ESA, records available on the NCDENR website were reviewed. In addition, the Charlotte Fire Department was contacted to provide supplemental information and determine if any environmental conditions are known to exist or have formerly existed at the subject site and/or off-site adjoining properties. The following issues were addressed with respect to the subject site and adjoining properties:

- Groundwater Quality;
- Surface Water Quality;
- Solid Waste;
- Surface Spills;
- Hazardous Waste Storage and Disposal; and
- Underground Storage Tanks (USTs).

Based on the information reviewed by Geoscience, NCDENR maintains no files pertaining to the subject property. However, NCDENR does maintain a file pertaining to the UST system formerly located at the northeastern adjoining Archdale Mini Mart & Laundry facility. Potential concerns related to the gasoline USTs formerly located there were discussed previously in the *Adjoining Property Database Findings* section of this report.

As of the date of this report, the Charlotte Fire Department had not responded to our request for information.

SITE RECONNAISSANCE FINDINGS

Subject Property Reconnaissance Findings: As mentioned previously, a reconnaissance was performed at the subject site to obtain information indicating the likelihood of recognized environmental conditions in connection with the property. A summary of uses and conditions specifically addressed and consistent with ASTM Standard E 1527-05 § 9.4.2.3 through § 9.4.4.7 is provided below:

- Hazardous Substances In Connection With Identified Uses: No hazardous substances or hazardous substance containers were observed on the subject property during our site reconnaissance.

Storage Tanks: No evidence of above ground or underground storage tanks was observed during our site reconnaissance.

- Polychlorinated Biphenyls (PCBs): One (1) pad-mounted (Photograph 14) and three (3) pole-mounted (Photograph 15) transformers were observed on the property during our reconnaissance. The approximate locations of the observed transformers are indicated on Figure No. CH087-3. As observed during the site visit, the transformers appeared to be in good condition with no evidence of leak or discharge. Given their condition, Geoscience does not consider the observed transformers to be recognized environmental conditions in association with the subject site.
- Drains And Sumps: An existing storm water drain inlet was observed on the northern-central portion of the site. No evidence of improper hazardous material disposal, staining, or unusual odors were observed in the vicinity of the observed drain at the time of our site visit. Given the lack of evidence of hazardous material disposal and/or spills, we do not consider the storm water drain system to be a recognized environmental condition in association with the subject site.
- Indications Of Solid Waste Disposal: As shown in Photographs 16 and 17, small piles of asphalt debris and several concrete traffic barriers were observed on the northeastern portion of the site. In addition, widely scattered litter consisting primarily of bottles and cans (beverage containers) was observed across the northern portion of the property. No evidence of improper hazardous material disposal, staining, leaks, or unusual odors were observed on the subject property at the time of our site visit. Given the lack of evidence of improper hazardous material disposal and/or leaks and spills, we do not consider the observed debris or litter to be a recognized environmental condition in association with the subject site

Adjoining Properties Reconnaissance Findings: A summary of uses and conditions specifically addressed at adjoining properties that are consistent with ASTM Standard E 1527-05 § 9.4.2.3 through § 9.4.4.7 and indicate the likelihood of recognized environmental conditions in connection with the subject site is provided below:

- Hazardous Substances In Connection With Identified Uses: No hazardous substances or hazardous substance containers were observed on properties adjoining the subject site.
- Storage Tanks: No above ground or underground storage tanks were observed on properties adjoining the subject site.
- Polychlorinated Biphenyls (PCBs): The off-site reconnaissance of adjacent properties addressed outdoor electrical transformers and other equipment suspected to contain PCBs. During our site reconnaissance, one (1) pole-mounted transformer was observed adjacent to the southwestern property corner. The approximate location of the observed transformer is indicated on Figure No. CH087-3. As

observed during the site visit, the transformer appeared to be in good condition with no evidence of leak or discharge. Given its condition, Geoscience does not consider the observed transformer to be a recognized environmental condition in association with the subject site.

- Indications Of Solid Waste Disposal: During our site reconnaissance, solid waste dumpsters were observed at the commercial properties that adjoin the subject site. No evidence of improper hazardous material disposal, staining, leaks, or unusual odors were observed in the vicinity of the observed containers on the adjoining properties at the time of our site visit. Given the lack of evidence of improper hazardous material disposal and/or leaks and spills, we do not consider solid waste disposal practices by the adjoining properties to be a recognized environmental condition in association with the subject site.

FINDINGS AND CONCLUSIONS

Geoscience Group, Inc. (Geoscience) has completed a Phase I Environmental Site Assessment (ESA) of an approximate 5.885± acre tract located along the northwestern side of Archdale Drive, approximately 650 feet northeast of its intersection with Nations Ford Road in Charlotte, Mecklenburg County, North Carolina. This Phase I ESA has been performed in general accordance with the scope and limitations of ASTM Standard E 1527-05 and in compliance with Geoscience's proposal dated August 14, 2013 (Proposal No. CH13.149P.EV). Any exceptions to, or deletions from, the ASTM E 1527-05 standard of practice are described in the *INTRODUCTION* section of the report. Based upon our findings, this assessment has revealed no evidence of recognized environmental conditions in connection with the subject property.

Much of the information provided in this summary report is based upon personal interviews and review of available documents, records, and maps held by the appropriate government and private agencies. This summary is subject to the limitations of historical documentation, availability and accuracy of pertinent records and the personal recollection of those persons contacted.

QUALIFICATIONS

This report was prepared by the undersigned environmental professionals whose qualifications are included in Appendix VI of this report and is intended for the sole use of Automotive Management Services, Inc., TT Of South Boulevard, Inc. and their lending institution for this project. This report may not be relied upon by any other parties without the express written consent of Geoscience Group, Inc.

Geoscience appreciates the opportunity to be of service to you on this project. If you have any questions regarding this report or require additional information, please contact us.

**GEOSCIENCE
GROUP**

Respectfully,
GEOSCIENCE GROUP, INC.



Thomas C. Hassett, P.E.
Project Engineer



William J. Sullivan, P.E.
Senior Consulting Engineer

TCH/WJS/tch

Enclosures

ENV/2013/087 - 5.885 Acre Archdale/Archdale ESA.doc

APPENDIX I

Maps and Sketches:

Figure No. CH087-1 - Vicinity Map

Figure No. CH087-2 - Tax Line Map

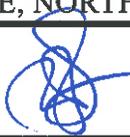
Figure No. CH087-3 - Site Layout

Figure No. CH087-4 - 2007 County Topographic Map

Figure No. CH087-5 - 1980 County Topographic Map

Figure No. CH087-6 - 1967 & 1968 USGS Topographic Map (Photorevised 1980)



GEOSCIENCE GROUP, INC.		
CHARLOTTE, NORTH CAROLINA		
SCALE: 1" = 750'	APPROVED BY: 	DRAWN BY: Mecklenburg
DATE: August 28, 2013		REVISED: RDB
5.885 ACRE ARCHDALE DRIVE SITE		
CHARLOTTE, NORTH CAROLINA		
VICINITY MAP		FIGURE NUMBER: CH087-1

INTERSTATE 77

16918215

APPROXIMATE PROPERTY BOUNDARY

16918214

16918210

16918212

ARCHDALE DRIVE

16927102



GEOSCIENCE GROUP, INC.
CHARLOTTE, NORTH CAROLINA

SCALE: 1"=600'

APPROVED BY:

DRAWN BY: Mecklenburg

DATE: August 28, 2013

REVISED: RDB

5.885 ACRE ARCHDALE DRIVE SITE
CHARLOTTE, NORTH CAROLINA

TAX LINE MAP

FIGURE NUMBER:

CH087-2

THE
TILE
SHOP

I-77

I-77

BUDGET INN

ARCHDALE
MINI-MART
AND LAUNDRY

FORMER BUILDING

FIELD
GRASS

ASPHALT
DEBRIS

CONCRETE
TRAFFIC
BARRIERS

POLE MOUNTED
TRANSFORMER

FORMER BUILDING

PAD MOUNTED
TRANSFORMER

WEEDS
&
BRUSH

2 POLE
MOUNTED
TRANSFORMERS

FORMER BUILDING

POLE MOUNTED
TRANSFORMER

MORAZAN
RESTAURANT

ASPHALT DRIVE

ARCHDALE DRIVE

WEEDS
&
BRUSH

VACANT LAND

Legend

-  Property Boundary
-  Wooded Area
-  Former Structures
-  Water Features
-  Approximate Location And Direction Of Photograph In APPENDIX II



GEOSCIENCE GROUP, INC.

CHARLOTTE, NORTH CAROLINA

SCALE: 1"=75'

APPROVED BY:

DRAWN BY: RDB

DATE: August 28, 2013

REVISED: RDB

5.885 ACRE ARCHDALE DRIVE SITE CHARLOTTE, NORTH CAROLINA

SITE LAYOUT

FIGURE NUMBER:

CH087-3

INTERSTATE 77

APPROXIMATE PROPERTY BOUNDARY

690
692

692
690
688
686
684
682
680

ARCHDALE DRIVE



GEOSCIENCE GROUP, INC.
CHARLOTTE, NORTH CAROLINA

SCALE: 1"=100'

APPROVED BY:



DRAWN BY: Mecklenburg

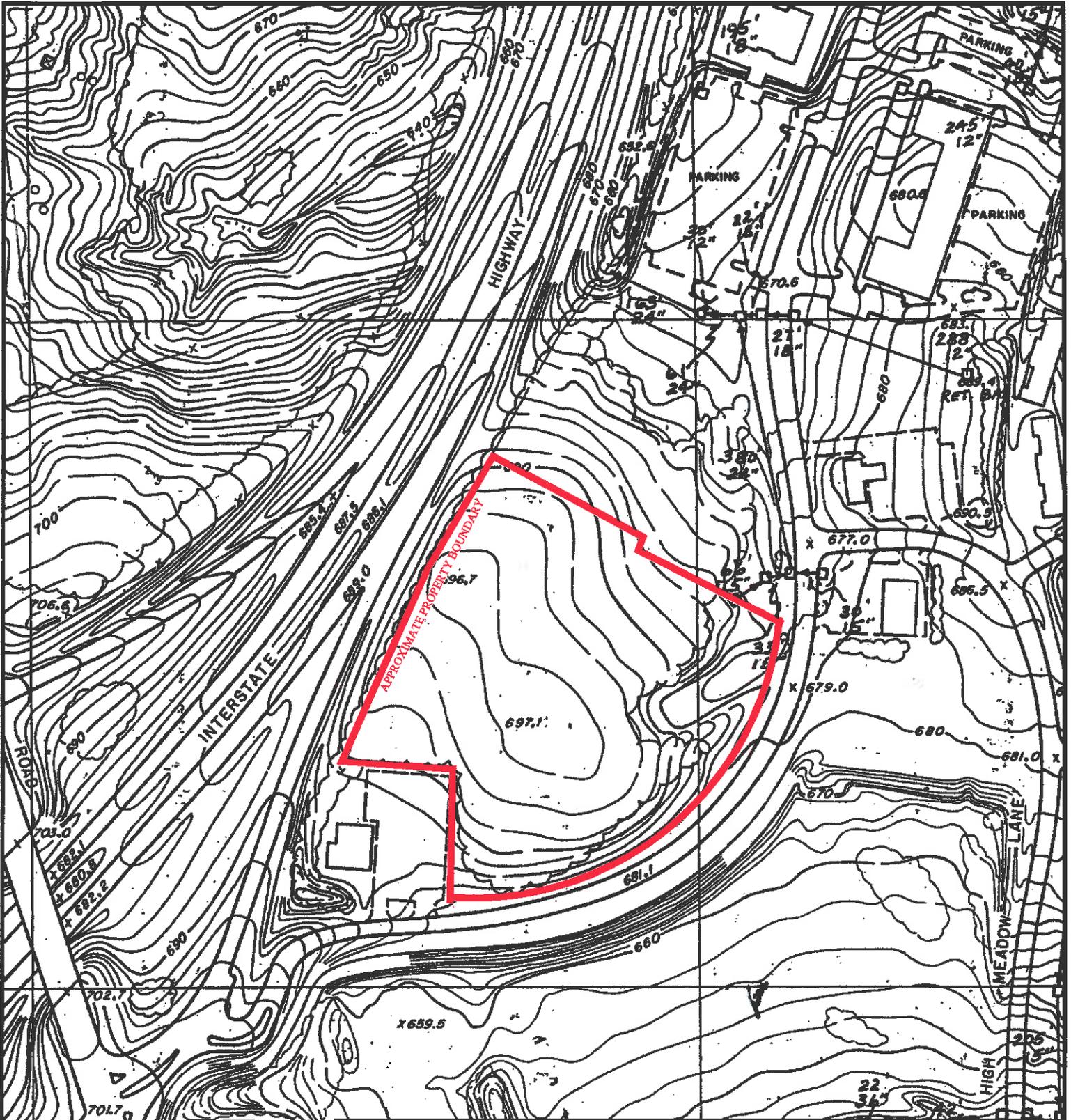
DATE: August 28, 2013

REVISED: RDB

5.885 ACRE ARCHDALE DRIVE SITE
CHARLOTTE, NORTH CAROLINA

2007 COUNTY TOPOGRAPHIC MAP

FIGURE NUMBER:
CH087-4



GEOSCIENCE GROUP, INC.
 CHARLOTTE, NORTH CAROLINA

SCALE: 1"=200'

APPROVED BY:

DRAWN BY: Charlotte

DATE: August 28, 2013

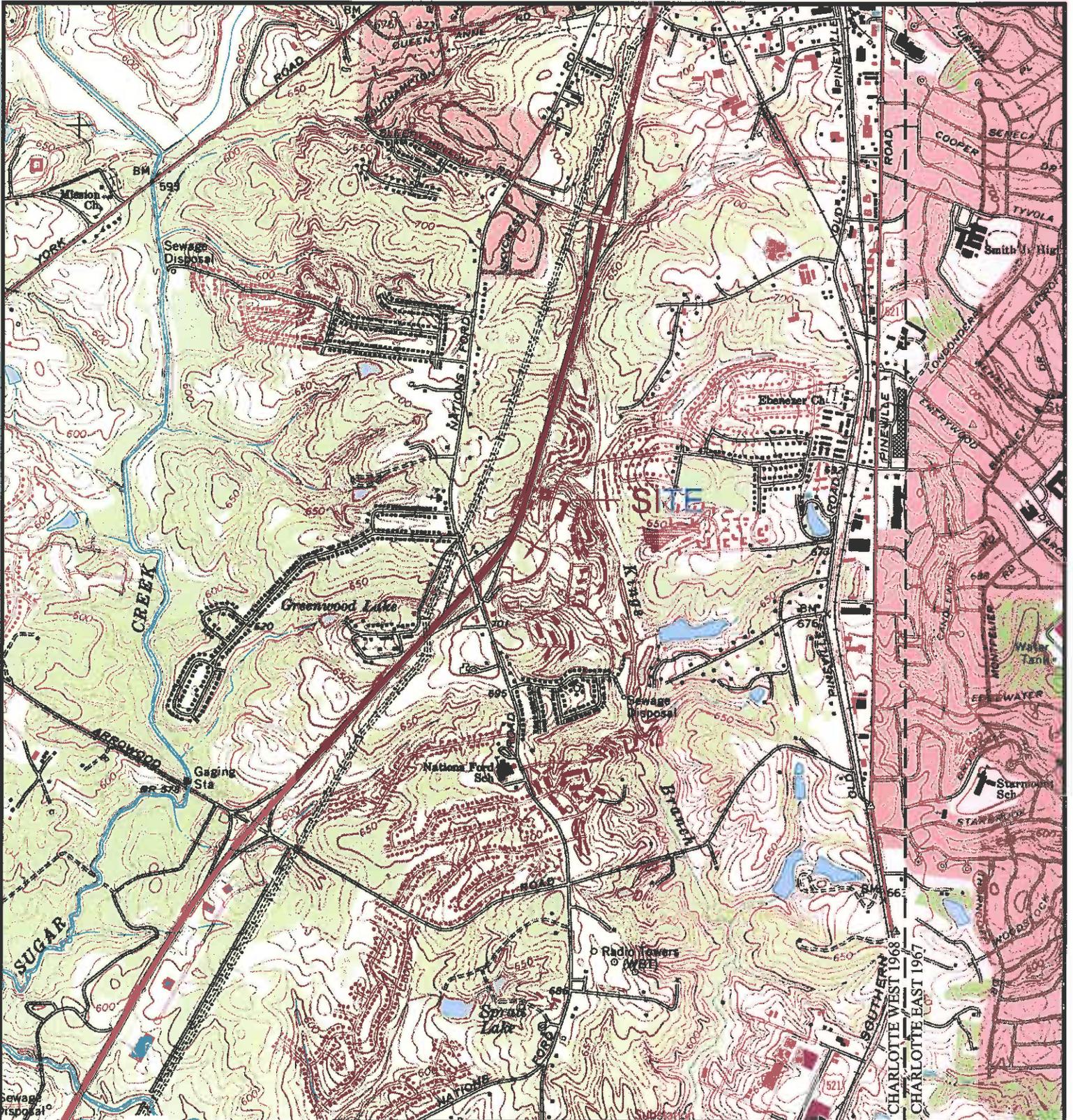
REVISED: RDB

5.885 ACRE ARCHDALE DRIVE SITE
 CHARLOTTE, NORTH CAROLINA

1980 CITY TOPOGRAPHIC MAP

FIGURE NUMBER:

CH087-5



GEOSCIENCE GROUP, INC.
 CHARLOTTE, NORTH CAROLINA

SCALE: 1"=2000'

APPROVED BY:

DRAWN BY: USGS

DATE: August 28, 2013

REVISED: RDB

5.885 ACRE ARCHDALE DRIVE SITE
 CHARLOTTE, NORTH CAROLINA

1967 & 1968 USGS TOPOGRAPHIC MAP
 Photorevised 1980

FIGURE NUMBER:

CH087-6

APPENDIX II

Photographs 1 through 17



1) A panoramic view of the southern portion of the site as seen facing north from Archdale Drive.



2) A panoramic view of the western portion of the site as seen facing northwest from the southern portion of the property.



3) A panoramic view of the western portion of the site as seen facing northeast from the southwestern portion of the property.



4) A panoramic view of the western portion of the site as seen facing south from the northern portion of the property.



5) A panoramic view of the western portion of the site as seen facing southwest from the northern portion of the property.



6) A panoramic view of the southeastern portion of the site as seen facing east from the southern portion of the site.



7) A panoramic view of the eastern portion of the property as seen facing west from Archdale Drive.



8) A panoramic view of the northeastern portion of the property as seen facing south from the northern portion of the site.



9) The eastern portion of the site as seen facing southwest from the northeastern portion of the property.



10) Morazan Restaurant adjoins the site to the southwest.



11) Budget Inn adjoins the site to the north.



12) Undeveloped land that has recently been graded adjoins the site to the south and southeast.



13) Archdale Mini Mart & Laundry adjoins the site to the northeast.



14) A transformer observed on the central portion of the site.



15) Transformers observed on the southwestern portion of the site.



16) Asphalt debris observed on the northern portion of the site.



17) Temporary concrete traffic barriers observed on the northeastern portion of the site.

APPENDIX III

Historical Research Documentation:

Certified Sanborn Map Report

City Directory Abstract



5.885 Acre Archdale Drive Site

219 Archdale Drive
Charlotte, NC 28217

Inquiry Number: 3705552.3
August 23, 2013

Certified Sanborn® Map Report

Certified Sanborn® Map Report

8/23/13

Site Name:

5.885 Acre Archdale Drive Site
219 Archdale Drive
Charlotte, NC 28217

Client Name:

Geoscience Group
500 Clanton Road
Charlotte, NC 28217

EDR Inquiry # 3705552.3

Contact: Thomas Hassett



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

Certified Sanborn Results:

Site Name: 5.885 Acre Archdale Drive Site
Address: 219 Archdale Drive
City, State, Zip: Charlotte, NC 28217
Cross Street:
P.O. # CH13.0087.EV
Project: 5.885 Acre Archdale Drive Site
Certification # A3E0-45E5-B896



Sanborn® Library search results
Certification # A3E0-45E5-B896

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

The Sanborn Library LLC Since 1866™

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5.885 Acre Archdale Drive Site

219 Archdale Drive
Charlotte, NC 28217

Inquiry Number: 3705552.5
August 23, 2013

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

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

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1921 through 2012. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2012	Cole Information Services	-	X	X	-
2007	Cole Information Services	-	X	X	-
2005	Hill-Donnelly Information Services	X	X	X	-
1999	City Publishing Company Inc.	X	X	X	-
1994	R. L. Polk & Co.	X	X	X	-
1991	R. L. Polk & Co.	-	-	-	-
1989	R. L. Polk & Co.	-	-	-	-
1984	R. L. Polk Co.	-	-	-	-
1979	Hill's City Directory	-	-	-	-
1975	Hills City Directory	-	-	-	-
1974	Hill's City Directory	-	-	-	-
1969	Hill's City Directory	-	-	-	-
1964	Hills City Directory	-	-	-	-
1959	Hill's City Directory	-	-	-	-
1953	Hills City Directory	-	-	-	-
1949	Hill's City Directory	-	-	-	-
1944	Hills City Directory	-	-	-	-
1937	Hill's City Directory	-	-	-	-
1931	Piedmont Directory Company	-	-	-	-
1925	Commercial Service Co.	-	-	-	-
1921	Commercial Service Co.	-	-	-	-

EXECUTIVE SUMMARY

MAP INFORMATION

The Overview Map provides information on nearby property parcel boundaries. Properties on this map that were selected for research are listed below the map.



SELECTED ADDRESSES

The following addresses were selected by the client. Detailed findings are contained in the findings section. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
219 Archdale Drive	Map ID: 1	X
FARMHURST DR	Map ID: 10	
7615 NATIONS FORD RD	Map ID: 11	X
7615 NATIONS FORD RD	Map ID: 13	
200 REGENCY EXECUTIVE PARK DR	Map ID: 16	X
275 ARCHDALE DR	Map ID: 2	
201 ARCHDALE DR	Map ID: 3	X

EXECUTIVE SUMMARY

<u>Address</u>	<u>Type</u>	<u>Findings</u>
305 ARCHDALE DR	Map ID: 4	X
340 ARCHDALE DR	Map ID: 6	X
330 ARCHDALE DR	Map ID: 7	
7607 NATIONS FORD RD	Map ID: 8	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

219 Archdale Drive
Charlotte, NC 28217

FINDINGS DETAIL

Target Property research detail.

ARCHDALE DR

219 ARCHDALE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Royal Inn & Suites i s	Hill-Donnelly Information Services
1994	CRICKETT INN motel	R. L. Polk & Co.

275 ARCHDALE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
-------------	-------------	---------------

Archdale Drive

219 Archdale Drive

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Royal Inn & Suites i s	Hill-Donnelly Information Services
1999	Patel Shailesh C	City Publishing Company Inc.
1994	CRICKETT INN motel	R. L. Polk & Co.

ARCHDALE ST

219 ARCHDALE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	Patel Shailesh C	City Publishing Company Inc.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

ARCHDALE DR

201 ARCHDALE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	MORASAN RESTAURANT	Cole Information Services
2007	OLOMEGA	Cole Information Services
2005	No Current Listing	Hill-Donnelly Information Services
1999	Caravel Seafood Restaurant	City Publishing Company Inc.
1994	Vacant	R. L. Polk & Co.

300 ARCHDALE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	SOUTHERN NATIONAL BANK DRIVE THROUGH BRANCH ONLY	R. L. Polk & Co.

305 ARCHDALE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	BUDGET INN	Cole Information Services
2007	BUDGET INN	Cole Information Services
2005	Best Inn I s	Hill-Donnelly Information Services
1994	INNKEEPER MOTEL	R. L. Polk & Co.

340 ARCHDALE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	ARCHDALE MINIMART	Cole Information Services
2007	ARCHDALE MINIMART INC	Cole Information Services
2005	Archdale Minimart I R	Hill-Donnelly Information Services

400 ARCHDALE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Walls Of Jasper Gospel Church	Hill-Donnelly Information Services

ARCHDALE/HIGH MEADOW LA

ARCHDALE/HIGH MEADOW LA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	ARCHDALE/HIGH MEADOW LA	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	ARCHDALE/HIGH MEADOW LA	R. L. Polk & Co.

ARCHDALE/HIGH MEADOW LN

ARCHDALE/HIGH MEADOW LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	ARCHDALE/HIGH MEADOW LN	City Publishing Company Inc.

FARMHURST DR

825 FARMHURST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	TREE TOP CONDOMINIUMS	Cole Information Services
2007	TREE TOP CONDOMINIUMS	Cole Information Services

829 FARMHURST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Hopper Debra	Hill-Donnelly Information Services
	Allen Annette vv	Hill-Donnelly Information Services
	Johnson Michael Lee	Hill-Donnelly Information Services
	Williams M	Hill-Donnelly Information Services
	Roddey Rico ww	Hill-Donnelly Information Services
	Rhyne Raushaunah Wv	Hill-Donnelly Information Services
1999	Mustafa Rosa H	City Publishing Company Inc.
	Miller Tamiko	City Publishing Company Inc.
	Mc Kee Steve M	City Publishing Company Inc.
	Lindsay Tammy D	City Publishing Company Inc.
1994	Johnson Michael Lee	City Publishing Company Inc.
	Apartments	R. L. Polk & Co.

831 FARMHURST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Joyner Mary v	Hill-Donnelly Information Services
	Lee Tiffany	Hill-Donnelly Information Services
	Williams J	Hill-Donnelly Information Services
	Stewart Jamie	Hill-Donnelly Information Services
	Pulliam Michelle	Hill-Donnelly Information Services
1999	Majchrzak Amy	City Publishing Company Inc.
	Elliott Tawanda	City Publishing Company Inc.
	Brown Artie Mae	City Publishing Company Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	Bennett D	City Publishing Company Inc.

833 FARMHURST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Overby Brian 7v	Hill-Donnelly Information Services
	Legette Annie	Hill-Donnelly Information Services
	Ferguson Patricia	Hill-Donnelly Information Services
	Roy Gregory W 7v	Hill-Donnelly Information Services
1999	Roy Gregory W	City Publishing Company Inc.
	Bright Joseph Jr	City Publishing Company Inc.
	Mullen N	City Publishing Company Inc.

837 FARMHURST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	GABRIELS PAINTING	Cole Information Services
2005	h Jones Victor	Hill-Donnelly Information Services
1999	Crane C F	City Publishing Company Inc.
	Hicks Christine	City Publishing Company Inc.
	Lomeli Odila	City Publishing Company Inc.

839 FARMHURST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Ford Melvin	Hill-Donnelly Information Services
	Byers Vera A	Hill-Donnelly Information Services
	Creations From D C	Hill-Donnelly Information Services
	D C Creations	Hill-Donnelly Information Services
1999	Anthony Iris	City Publishing Company Inc.
	Powell Dwight	City Publishing Company Inc.
	Quarles Gladys	City Publishing Company Inc.
	Watlington A H	City Publishing Company Inc.
	Morrow Samuel	City Publishing Company Inc.

843 FARMHURST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Gamble Neshal	Hill-Donnelly Information Services
	Mann Lashari	Hill-Donnelly Information Services
1999	Hicks Travis E	City Publishing Company Inc.
	Edwards C	City Publishing Company Inc.
	Denny Wanda	City Publishing Company Inc.

FINDINGS

845 FARMHURST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Black Darlene P	Hill-Donnelly Information Services
	H Diaz P YV s	Hill-Donnelly Information Services
	High Tiffany	Hill-Donnelly Information Services
	Hodge Iyasha	Hill-Donnelly Information Services
	Mother Bettys Lot Watchers	Hill-Donnelly Information Services
	Ray Ricco v	Hill-Donnelly Information Services
	Pinson Renee v V	Hill-Donnelly Information Services
1999	Bryant C	City Publishing Company Inc.
	Carruthers Larry	City Publishing Company Inc.
	Faura Diana	City Publishing Company Inc.
	Thompson Diouf C	City Publishing Company Inc.

847 FARMHURST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Ralney James	Hill-Donnelly Information Services
	Ingram Karen R AV	Hill-Donnelly Information Services
	Copeland Hazel v	Hill-Donnelly Information Services
	Chick Geriad	Hill-Donnelly Information Services
1999	Warren Priscilla	City Publishing Company Inc.
	Pugh M	City Publishing Company Inc.
	Oughton Preston	City Publishing Company Inc.
	Ingram Karen R	City Publishing Company Inc.
	Howie T L	City Publishing Company Inc.
	Faura Lourdes	City Publishing Company Inc.
	Trusdale Reginald	City Publishing Company Inc.

849 FARMHURST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Kincaid E AV	Hill-Donnelly Information Services
	Johnson Dacia	Hill-Donnelly Information Services
	Dixon Argustus v	Hill-Donnelly Information Services
1999	Nwogbo Antonia	City Publishing Company Inc.
	Cook Preston	City Publishing Company Inc.
	Campbell Desiree M	City Publishing Company Inc.

851 FARMHURST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Bryson Frances	Hill-Donnelly Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Long Peggy v	Hill-Donnelly Information Services
	Simpson Eddie v	Hill-Donnelly Information Services
	Planter Taziah v	Hill-Donnelly Information Services
	Merchant Toshia	Hill-Donnelly Information Services
1999	Pauls Kenneth T	City Publishing Company Inc.
	Owens Wendell	City Publishing Company Inc.
	Murray Terrance	City Publishing Company Inc.
	James Arme	City Publishing Company Inc.
	Davenport T E	City Publishing Company Inc.

853 FARMHURST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Pittman Bessie	Hill-Donnelly Information Services
	Tutu Juliana v	Hill-Donnelly Information Services
	Barber Christina	Hill-Donnelly Information Services
	Cole S v	Hill-Donnelly Information Services
	Dellinger Kenneth	Hill-Donnelly Information Services
	Imholz Pamela	Hill-Donnelly Information Services
1999	Lewis Melvin Jr	City Publishing Company Inc.
	Lorenzen Roderick	City Publishing Company Inc.
	Lyons K C	City Publishing Company Inc.

855 FARMHURST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Graham Greachle v	Hill-Donnelly Information Services
1999	819 55 TREE TOP CONDOMINIUMS	City Publishing Company Inc.
	Dargins Allen D	City Publishing Company Inc.
	Davis P E	City Publishing Company Inc.
	Mclwain Cassandra	City Publishing Company Inc.
	Montgomery David R	City Publishing Company Inc.
	Moore Ann	City Publishing Company Inc.
	Singleton Benji	City Publishing Company Inc.

HIGH MEADOW/ARCHDALE DR

HIGH MEADOW/ARCHDALE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	HIGH MEADOW/ARCHDALE DR	R. L. Polk & Co.

FINDINGS

NATIONS FORD RD

7607 NATIONS FORD RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	THE TILE SHOP	Cole Information Services
2005	Tile Shop	Hill-Donnelly Information Services
1999	Boyles Furniture	City Publishing Company Inc.

7615 NATIONS FORD RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	BURGER KING	Cole Information Services
	B K CONVENIENCE	Cole Information Services
	BURGER KING	Cole Information Services
	B K CONVENIENCE	Cole Information Services
2007	GOLDEN BEE ENTERPRISE	Cole Information Services
	B K CONVENIENCE	Cole Information Services
	LEAD C CORP	Cole Information Services
	GOLDEN BEE ENTERPRISE	Cole Information Services
	B K CONVENIENCE	Cole Information Services
	LEAD C CORP	Cole Information Services
2005	Anthony Enterprises	Hill-Donnelly Information Services
	B K Convenience 1 R	Hill-Donnelly Information Services
	Burger King 2 R	Hill-Donnelly Information Services
	Tract 37119:38 03 odd s	Hill-Donnelly Information Services
	Tract 37119:38 04 even s	Hill-Donnelly Information Services
	Anthony Enterprises	Hill-Donnelly Information Services
	B K Convenience 1 R	Hill-Donnelly Information Services
	Burger King 2 R	Hill-Donnelly Information Services
	Tract 37119:38 03 odd s	Hill-Donnelly Information Services
	Tract 37119:38 04 even s	Hill-Donnelly Information Services
1999	B K Convenience	City Publishing Company Inc.
	Burger King	City Publishing Company Inc.
	B K Convenience	City Publishing Company Inc.
	Burger King	City Publishing Company Inc.

REGENCY EXECUTIVE PARK DR

200 REGENCY EXECUTIVE PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	ANY 24 HOUR EMERG LOCKSMITH	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	CIGNA HEALTHCARE OF NORTH CAROLINA	Cole Information Services
2007	CANTEEN COMPASS	Cole Information Services
	CIGNA HEALTHCARE	Cole Information Services
2005	Cigna Co 1 F	Hill-Donnelly Information Services
1999	Award Travel Center	City Publishing Company Inc.
	Cigna Claims	City Publishing Company Inc.
	Cigna Property & Casualty Cigna Health Care Customers Call	City Publishing Company Inc.
	Corporate Traveler	City Publishing Company Inc.

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

219 Archdale Drive

Address Not Identified in Research Source

2012, 2007, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched

ARCHDALE/HIGH MEADOW
LA

ARCHDALE/HIGH MEADOW
LN

FARMHURST DR

HIGH MEADOW/ARCHDALE
DR

200 REGENCY EXECUTIVE
PARK DR

200 REGENCY EXECUTIVE
PARK DR

201 ARCHDALE DR

201 ARCHDALE DR

300 ARCHDALE DR

305 ARCHDALE DR

305 ARCHDALE DR

330 ARCHDALE DR

340 ARCHDALE DR

340 ARCHDALE DR

400 ARCHDALE DR

7607 NATIONS FORD RD

7607 NATIONS FORD RD

7615 NATIONS FORD RD

7615 NATIONS FORD RD

7615 NATIONS FORD RD

Address Not Identified in Research Source

2012, 2007, 2005, 1999, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 2005, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 2005, 1999, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 2005, 1999, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2005, 1999, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2005, 1999, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 2005, 1999, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2005, 1999, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1999, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 2005, 1999, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1999, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2005, 1999, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1999, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2007, 2005, 1999, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 2005, 1999, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2005, 1999, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

FINDINGS

Address Researched

825 FARMHURST DR

829 FARMHURST DR

831 FARMHURST DR

833 FARMHURST DR

837 FARMHURST DR

837 FARMHURST DR

839 FARMHURST DR

843 FARMHURST DR

845 FARMHURST DR

847 FARMHURST DR

849 FARMHURST DR

851 FARMHURST DR

853 FARMHURST DR

855 FARMHURST DR

Address Not Identified in Research Source

2005, 1999, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2005, 1999, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

2012, 2007, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921

APPENDIX IV

Regulatory Records Documentation:

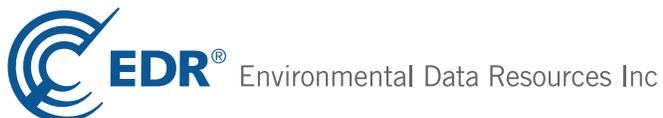
EDR Radius Map Report

5.885 Acre Archdale Drive Site

219 Archdale Drive
Charlotte, NC 28217

Inquiry Number: 3705552.2s
August 23, 2013

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	7
Orphan Summary	26
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-14
Physical Setting Source Map Findings	A-16
Physical Setting Source Records Searched	A-20

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

219 ARCHDALE DRIVE
CHARLOTTE, NC 28217

COORDINATES

Latitude (North): 35.1489000 - 35° 8' 56.04"
Longitude (West): 80.8939000 - 80° 53' 38.04"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 509664.5
UTM Y (Meters): 3889362.8
Elevation: 691 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 35080-B8 CHARLOTTE WEST, NC
Most Recent Revision: 1996

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2011, 2012
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

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

EXECUTIVE SUMMARY

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
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

NC HSDS..... Hazardous Substance Disposal Site

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

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

AST..... AST Database

EXECUTIVE SUMMARY

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

Records of Emergency Release Reports

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

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
US MINES..... Mines Master Index File

EXECUTIVE SUMMARY

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
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
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
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
PRP.....	Potentially Responsible Parties
2020 COR ACTION.....	2020 Corrective Action Program List
EPA WATCH LIST.....	EPA WATCH LIST
US FIN ASSUR.....	Financial Assurance Information
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH.....	Coal Ash Disposal Sites
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
Financial Assurance.....	Financial Assurance Information Listing
LEAD SMELTERS.....	Lead Smelter Sites

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat.....	EDR Exclusive Historic Gas Stations

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.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

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 05/24/2013 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>
PANTRY #824 SOLVENTS	8925 NATIONS FORD ROAD	S 1/2 - 1 (0.822 mi.)	14	24

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 05/10/2013 has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CIRCLE K 2708408 Incident Phase: Closed Out	100 RED ROOF DRIVE	SSW 1/8 - 1/4 (0.141 mi.)	A3	8
IGLESIA EVANGELICA H.O. #1 Incident Phase: Closed Out	7410 NATIONS FORD	NW 1/4 - 1/2 (0.251 mi.)	C13	21
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CIRCLE K 8375 Incident Phase: Closed Out	550 ARCHDALE ROAD	NNE 1/8 - 1/4 (0.219 mi.)	B7	16

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 07/12/2013 has revealed that there is 1 LUST TRUST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CIRCLE K 2708408	100 RED ROOF DRIVE	SSW 1/8 - 1/4 (0.141 mi.)	A3	8

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environment & Natural Resources' Petroleum Underground Storage Tank Database.

A review of the UST list, as provided by EDR, and dated 05/10/2013 has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CIRCLE K 2708408	100 RED ROOF DRIVE	SSW 1/8 - 1/4 (0.141 mi.)	A3	8
SAM'S XPRESS MART	7837 NATIONS FORD ROAD	SSW 1/8 - 1/4 (0.141 mi.)	A4	14
SHELL/BURGER KING	7615 NATIONS FORD ROAD	WNW 1/8 - 1/4 (0.145 mi.)	5	15
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CIRCLE K 8375	550 ARCHDALE ROAD	NNE 1/8 - 1/4 (0.219 mi.)	B7	16

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling center locations.

A review of the SWRCY list, as provided by EDR, and dated 08/06/2012 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FIRST ALLIANCE LOGISTICS MANAG	207 REGENCY EXECUTIVE P	NW 1/8 - 1/4 (0.250 mi.)	C12	21

Records of Emergency Release Reports

IMD: Incident Management Database.

A review of the IMD list, as provided by EDR, and dated 07/21/2006 has revealed that there are 3 IMD sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CIRCLE K 2708408	100 RED ROOF DRIVE	SSW 1/8 - 1/4 (0.141 mi.)	A3	8
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CELANESE CORPORATION/FIBERS	240 ARCHDALE DRIVE	SSW 0 - 1/8 (0.009 mi.)	1	7
7-11 STORE #15061 SOUTHLAND	550 ARCHDALE DRIVE	NNE 1/8 - 1/4 (0.219 mi.)	B8	19

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 5 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

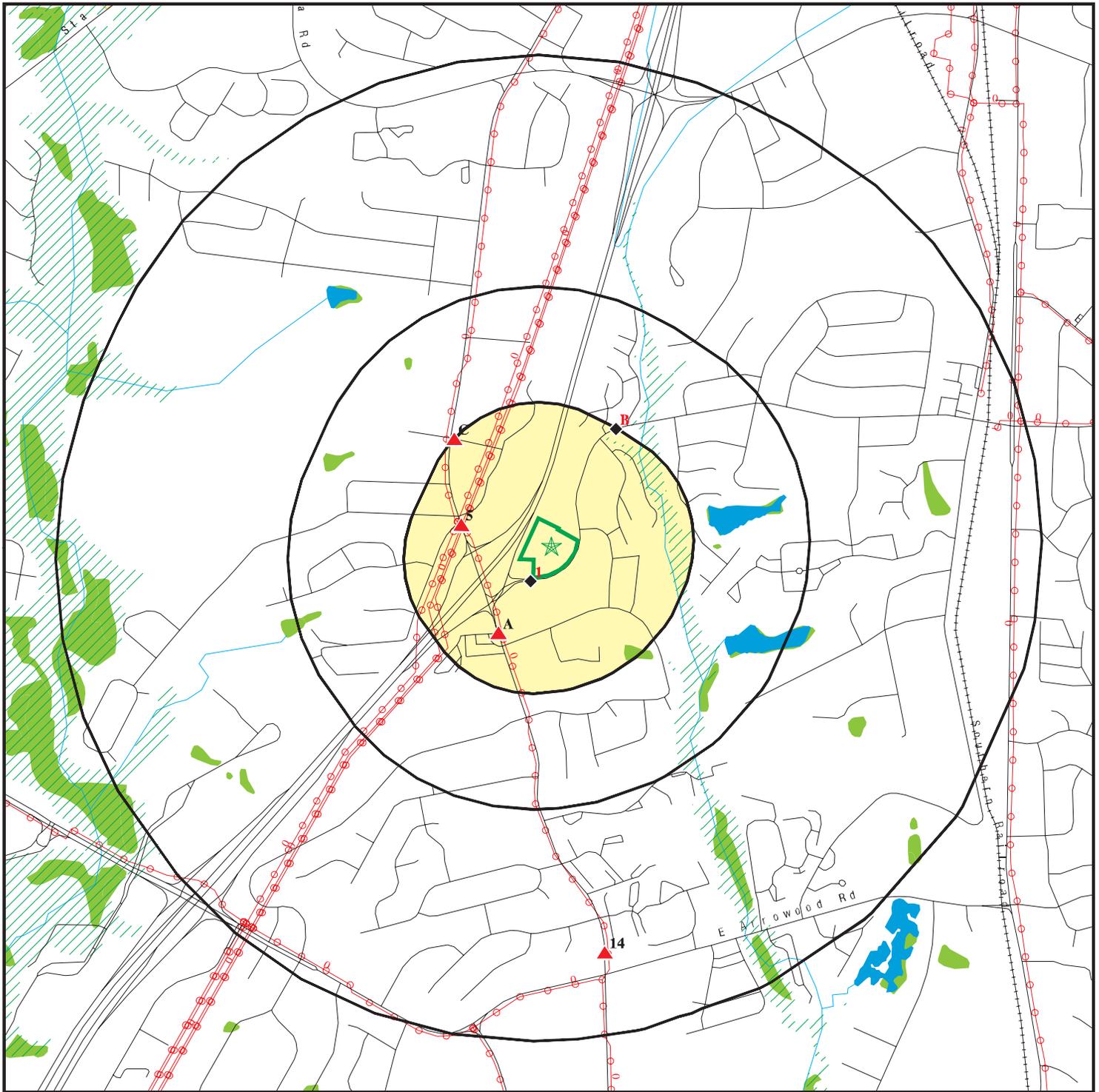
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	7831 NATIONS FORD RD	SSW 1/8 - 1/4 (0.140 mi.)	A2	8
Not reported	7950 NATIONS FORD RD	SSW 1/8 - 1/4 (0.178 mi.)	A6	16
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STIKES CLEANERS LAUNDRY	550 ARCHDALE DR	NNE 1/8 - 1/4 (0.219 mi.)	B9	20
STIKES CLEANERS LAUNDRY	550 ARCHDALE DR	NNE 1/8 - 1/4 (0.219 mi.)	B10	20
G S CARPET CLEANERS	620 ARCHDALE DR	NNE 1/8 - 1/4 (0.248 mi.)	B11	21

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

<u>Site Name</u>	<u>Database(s)</u>
VULCAN MATERIALS CO	MINES,FINDS,AIRS (AFS)
HENSON'S, INC. MULCH & MORE	LF,HIST LF
VAN WATERS & ROGERS	HWS
NCDOT ASPHALT SITE #2 (CROWDER CON	HWS
ELMWOOD CIRCLE	HWS,IMD
HWY 49 BATTERY DUMP	HWS,IMD
QUEENS PROPERTY	HWS
AQUAIR CORPORATION	HWS
DOW CHEMICAL CORP/ALLIED CHEMICAL	HWS
TRANSPORTATION SECURITY ADMINISTRA	CERCLIS
DOVE ENVIRONMENTAL STORAGE UNIT DR	CERCLIS
DOW CHEM CORP	CERCLIS-NFRAP
MECKLENBURG COUNTY LANDFILL	LF
C D SPANGLER CONSTRUCTION CO	LF
RIVERBEND UNITED METHODIST CHURCH	IMD,LUST
RTR RECEIVER SITE	FINDS
RTR TRANSMITTER SITE	FINDS
DOVE ENVIRONMENTAL STORAGE UNIT DR	FINDS
QUICK STOP	BROWNFIELDS
NCDOT - MECKLENBERG COUNTY BRIDGE	MANIFEST

OVERVIEW MAP - 3705552.2s



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

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

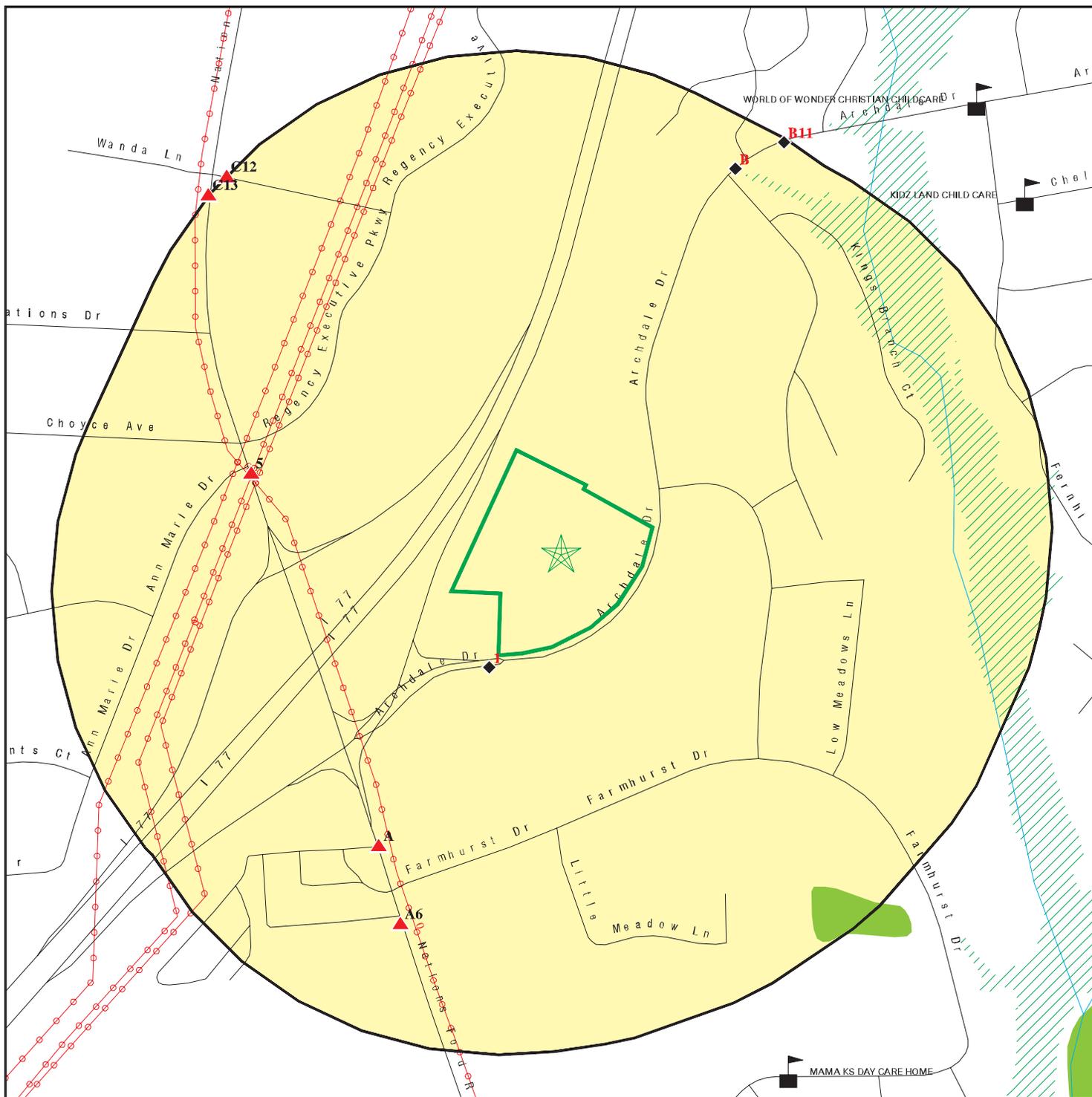
0 1/4 1/2 1 Miles

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

SITE NAME: 5.885 Acre Archdale Drive Site
 ADDRESS: 219 Archdale Drive
 Charlotte NC 28217
 LAT/LONG: 35.1489 / 80.8939

CLIENT: Geoscience Group
 CONTACT: Thomas Hassett
 INQUIRY #: 3705552.2s
 DATE: August 23, 2013 1:18 pm

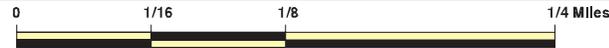
DETAIL MAP - 370552.2s



-  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
-  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.

<p>SITE NAME: 5.885 Acre Archdale Drive Site ADDRESS: 219 Archdale Drive Charlotte NC 28217 LAT/LONG: 35.1489 / 80.8939</p>	<p>CLIENT: Geoscience Group CONTACT: Thomas Hassett INQUIRY #: 370552.2s DATE: August 23, 2013 1:19 pm</p>
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	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
LUCIS	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 HSDS	1.000		0	0	0	0	NR	0
<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	2	1	NR	NR	3

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST TRUST	0.500		0	1	0	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	4	NR	NR	NR	4
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
SWRCY	0.500		0	1	0	NR	NR	1
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
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
IMD	0.500		1	2	0	NR	NR	3
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
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
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
US 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	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	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
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	5	NR	NR	NR	5

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

1
SSW
< 1/8
0.009 mi.
50 ft.

CELANESE CORPORATION/FIBERS
240 ARCHDALE DRIVE
CHARLOTTE, NC

IMD S103554276
N/A

Relative:
Lower

IMD:

Actual:
671 ft.

Region: MOR
Facility ID: 85650
Date Occurred: 5/14/2001
Submit Date: 5/14/2001
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: Not reported
Incident Desc: NEAR C BAKER SITE, SOLVENTS IN GW. NO FILE AT MRO. INACTIVE HAZ WASTE SITE, CONTACT DWM IN RALEIGH FOR ADDITIONAL INFO. 4/05: UIC Permit #WI0300102 for injectio

Operator: ,
Contact Phone: Not reported
Owner Company: Not reported
Operator Address: Not reported
Operator City: Not reported
Oper City, St, Zip: NC
Ownership: Not Reported
Operation: Not Reported
Material: Not reported
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Unknown
Type: Other inorganics
Location: Not reported
Setting: Not reported
Risk Site: Not reported
Site Priority: Not reported
Priority Code: NOD
Priority Update: Not reported
Dem Contact: DWM
Wells Affected: No
Num Affected: 0
Wells Contam: Not reported
Sampled By: Not reported
Samples Include: Not reported
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: Not reported
Longitude: Not reported
Latitude Number: Not reported
Longitude Number: Not reported
Latitude Decimal: Not reported
Longitude Decimal: Not reported
GPS: EST
Agency: DWQ
Facility ID: 85650
Last Modified: 4/18/2005
Incident Phase: NOD
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CELANESE CORPORATION/FIBERS (Continued)

S103554276

SOC Sighed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

A2
SSW
1/8-1/4
0.140 mi.
741 ft.

7831 NATIONS FORD RD
CHARLOTTE, NC 28217

EDR US Hist Cleaners 1015095487
N/A

Site 1 of 4 in cluster A

Relative:
Higher

EDR Historical Cleaners:

Name: NATIONS FORD DRY CLEANERS
Year: 2002

Actual:
702 ft.

Address: 7831 NATIONS FORD RD

Name: NATIONS FORD DRY CLEANERS
Year: 2003
Address: 7831 NATIONS FORD RD

Name: NATIONS FORD DRY CLEANERS
Year: 2004
Address: 7831 NATIONS FORD RD

Name: NATIONS FORD DRY CLEANERS
Year: 2006
Address: 7831 NATIONS FORD RD

Name: NATIONS FORD DRY CLEANERS
Year: 2007
Address: 7831 NATIONS FORD RD

Name: NATIONS FORD DRY CLEANERS
Year: 2008
Address: 7831 NATIONS FORD RD

Name: NATIONS FORD DRY CLEANERS
Year: 2010
Address: 7831 NATIONS FORD RD

A3
SSW
1/8-1/4
0.141 mi.
746 ft.

CIRCLE K 2708408
100 RED ROOF DRIVE
CHARLOTTE, NC 28217

Site 2 of 4 in cluster A

IMD U003144984
LUST N/A
LUST TRUST
UST
Financial Assurance

Relative:
Higher

IMD:

Region: MOR
Facility ID: 23452
Date Occurred: 8/2/2001
Submit Date: 8/13/2001
GW Contam: No Groundwater Contamination detected
Soil Contam: Yes
Incident Desc: SOIL CONTAMINATION DISCOVERED DURING UST CLOSURE

Actual:
702 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2708408 (Continued)

U003144984

Operator: STEVE BELIN
Contact Phone: 919-871-0999
Owner Company: CIRCLE K STORES INC
Operator Address:5650 BRECKENRIDGE PK DR SUITE
Operator City: TAMPA
Oper City,St,Zip: TAMPA, FL 33610
Ownership: Private
Operation: Commercial
Material: Not reported
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: Facility
Setting: Urban
Risk Site: L
Site Priority: Not reported
Priority Code: Not reported
Priority Update: 8/16/2001
Dem Contact: ARL
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: 35.14638888
Longitude: -80.89666666
Latitude Number: 350847
Longitude Number: 805348
Latitude Decimal: 35.1463888888889
Longitude Decimal: 80.8966666666667
GPS: 7
Agency: DWM
Facility ID: 23452
Last Modified: 8/13/2001
Incident Phase: RE
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Sighned: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

LUST:

Facility ID: 00-0-000
UST Number: MO-6180
Incident Number: 23452
Contamination Type: Soil
Source Type: Leak-underground
Product Type: PETROLEUM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2708408 (Continued)

U003144984

Date Reported: 08/06/2001
Date Occur: 08/02/2001
Cleanup: 08/02/2001
Closure Request: Not reported
Close Out: 10/15/2012
Level Of Soil Cleanup Achieved: Soil to Groundwater
Tank Regulated Status: Both at same site
Of Supply Wells: Not reported
Commercial/NonCommercial UST Site: BOTH
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: Not reported
Phase Of LSA Req: 1
Site Risk Reason: Not reported
Land Use: Industrial/commercial
MTBE: No
MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: 09/05/2012
Release Detection: 0
Current Status: File Located in House
RBCA GW: Cleanups to alternate standards
PETOPT: 3
RPL: False
CD Num: 0
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long Decimal: 35.1463 -80.8966
Testlat: Not reported
Regional Officer Project Mgr: DPB
Region: Mooresville
Company: Phillips 66
Contact Person: Ed Kuhn
Telephone: 919-871-0999
RP Address: 4215 Stuart Andrew Boulevard
RP City,St,Zip: CHARLOTTE, NC 28217
RP County: Not reported
Comments: ATC 3-10K UNLEADED GAS
5 Min Quad: Not reported

PIRF:

Facility Id: 23452
Date Occurred: 2001-08-02 00:00:00
Date Reported: 2001-08-13 00:00:00
Description Of Incident: SOIL CONTAMINATION DISCOVERED DURING UST CLOSURE
Owner/Operator: STEVE BELIN
Ownership: 4
Operation Type: 6
Type: 3
Location: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2708408 (Continued)

U003144984

Site Priority: Not reported
Priority Update: 2001-08-16 00:00:00
Wells Affected Y/N: N
Samples Include: Not reported
7#5 Minute Quad: Not reported
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: 2
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 2012-10-15 00:00:00
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: Not reported

LUST TRUST:

Facility ID: 0-017116
Site ID: 23452
Site Note: Noncommercial Eligible 25%, Commercial Eligible 75%
Site Eligible?: True
Commercial Find: 0.75
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.

UST:

Facility Id: 00-0-0000017116
Contact: CIRCLE K STORES INC.
Contact Address1: 2440 WHITEHALL PARK DR STE 800
Contact Address2: Not reported
Contact City/State/Zip: CHARLOTTE, NC 28273-3553
FIPS County Desc: Mecklenburg
Latitude: 35.14650
Longitude: -80.89626

Tank Id: 1
Tank Status: Removed
Installed Date: 01/01/1977
Perm Close Date: 08/01/2001
Product Key: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2708408 (Continued)

U003144984

Product Name: Gasoline, Gas Mix
Tank Capacity: 8000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Tank Construction: Single Wall Steel
Piping Construction: Single Wall FRP
Piping System Key: Unknown
Other CP Tank: Not reported

Tank Id: 2
Tank Status: Removed
Installed Date: 01/01/1977
Perm Close Date: 08/01/2001
Product Key: 3
Product Name: Gasoline, Gas Mix
Tank Capacity: 8000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Tank Construction: Single Wall Steel
Piping Construction: Single Wall FRP
Piping System Key: Unknown
Other CP Tank: Not reported

Tank Id: 3
Tank Status: Removed
Installed Date: 01/01/1977
Perm Close Date: 08/01/2001
Product Key: 3
Product Name: Gasoline, Gas Mix
Tank Capacity: 8000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Tank Construction: Single Wall Steel
Piping Construction: Single Wall FRP
Piping System Key: Unknown
Other CP Tank: Not reported

Tank Id: 4
Tank Status: Removed
Installed Date: 01/01/1964
Perm Close Date: 08/01/2001
Product Key: 6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2708408 (Continued)

U003144984

Product Name: Heating Oil/Fuel
Tank Capacity: 500
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: No
Regulated: No
Tank Construction: Double Wall FRP/Steel
Piping Construction: DW Steel/FRP
Piping System Key: Unknown
Other CP Tank: Not reported

Tank Id: A1
Tank Status: Current
Installed Date: 08/11/2001
Perm Close Date: Not reported
Product Key: 3
Product Name: Gasoline, Gas Mix
Tank Capacity: 15000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Tank Construction: Single Wall FRP
Piping Construction: Single Wall FRP
Piping System Key: Pressurized System
Other CP Tank: Not reported

Tank Id: A2
Tank Status: Current
Installed Date: 08/11/2001
Perm Close Date: Not reported
Product Key: 3
Product Name: Gasoline, Gas Mix
Tank Capacity: 15000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Tank Construction: Single Wall FRP
Piping Construction: Single Wall FRP
Piping System Key: Pressurized System
Other CP Tank: Not reported

NC Financial Assurance 1:

Facility ID: 0-017116
Region: 1
Financial Responsibility Code: F
Financial Responsibility Desc: SELF/STATE

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A4
SSW
1/8-1/4
0.141 mi.
747 ft.

SAM'S XPRESS MART
7837 NATIONS FORD ROAD
CHARLOTTE, NC 28217

UST **U003135694**
N/A

Site 3 of 4 in cluster A

Relative:
Higher

UST:

Actual:
702 ft.

Facility Id: 00-0-0000014136
 Contact: NISBET OIL COMPANY
 Contact Address1: 1818 BAXTER STREET/PO BOX 35367
 Contact Address2: Not reported
 Contact City/State/Zip: CHARLOTTE, NC 28204-5367
 FIPS County Desc: Mecklenburg
 Latitude: 35.14606
 Longitude: -80.89565

Tank Id: 1
 Tank Status: Current
 Installed Date: 03/23/1976
 Perm Close Date: Not reported
 Product Key: 3
 Product Name: Gasoline, Gas Mix
 Tank Capacity: 10000
 Root Tank Id: Not reported
 Main Tank: No
 Compartment Tank: No
 Manifold Tank: 0
 Commercial: Yes
 Regulated: Yes
 Tank Construction: Single Wall Steel
 Piping Construction: Single Wall FRP
 Piping System Key: Pressurized System
 Other CP Tank: Not reported

Tank Id: 2
 Tank Status: Current
 Installed Date: 03/23/1976
 Perm Close Date: Not reported
 Product Key: 3
 Product Name: Gasoline, Gas Mix
 Tank Capacity: 10000
 Root Tank Id: Not reported
 Main Tank: No
 Compartment Tank: No
 Manifold Tank: 0
 Commercial: Yes
 Regulated: Yes
 Tank Construction: Single Wall Steel
 Piping Construction: Single Wall FRP
 Piping System Key: Pressurized System
 Other CP Tank: Not reported

Tank Id: 3
 Tank Status: Current
 Installed Date: 03/23/1976
 Perm Close Date: Not reported
 Product Key: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAM'S XPRESS MART (Continued)

U003135694

Product Name: Gasoline, Gas Mix
Tank Capacity: 6000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Tank Construction: Single Wall Steel
Piping Construction: Single Wall FRP
Piping System Key: Pressurized System
Other CP Tank: Not reported

5
WNW
1/8-1/4
0.145 mi.
765 ft.

SHELL/BURGER KING
7615 NATIONS FORD ROAD
CHARLOTTE, NC 28217

UST
Financial Assurance

U003008449
N/A

Relative:
Higher

UST:

Actual:
701 ft.

Facility Id: 00-0-0000034466
Contact: LEAD C CORPORATION
Contact Address1: 1228 E MOREHEAD ST #100
Contact Address2: Not reported
Contact City/State/Zip: CHARLOTTE, NC 28204-2817
FIPS County Desc: Mecklenburg
Latitude: 35.14987
Longitude: -80.89686

Tank Id: 1
Tank Status: Current
Installed Date: 05/30/1995
Perm Close Date: Not reported
Product Key: 3
Product Name: Gasoline, Gas Mix
Tank Capacity: 12000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Tank Construction: Single Wall FRP
Piping Construction: Other
Piping System Key: Unknown
Other CP Tank: Not reported

Tank Id: 2
Tank Status: Current
Installed Date: 05/30/1995
Perm Close Date: Not reported
Product Key: 3
Product Name: Gasoline, Gas Mix
Tank Capacity: 10000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SHELL/BURGER KING (Continued)

U003008449

Manifold Tank: 0
 Commercial: Yes
 Regulated: Yes
 Tank Construction: Single Wall FRP
 Piping Construction: Other
 Piping System Key: Unknown
 Other CP Tank: Not reported

NC Financial Assurance 1:
 Facility ID: 0-034466
 Region: 1
 Financial Responsibility Code: Not reported
 Financial Responsibility Desc: STATE FUND

A6
SSW
1/8-1/4
0.178 mi.
942 ft.

7950 NATIONS FORD RD
CHARLOTTE, NC 28217
Site 4 of 4 in cluster A

EDR US Hist Cleaners 1015096179
N/A

Relative:
Higher

EDR Historical Cleaners:
 Name: A UNIQUE CARPET CLEANING LLC
 Year: 2010
 Address: 7950 NATIONS FORD RD

Actual:
700 ft.

B7
NNE
1/8-1/4
0.219 mi.
1155 ft.

CIRCLE K 8375
550 ARCHDALE ROAD
CHARLOTTE, NC 28210
Site 1 of 5 in cluster B

LUST U003136577
UST N/A

Relative:
Lower

LUST:
 Facility ID: 00-0-000
 UST Number: MO-3983
 Incident Number: 11501
 Contamination Type: Soil
 Source Type: Leak-underground
 Product Type: PETROLEUM
 Date Reported: 11/08/1993
 Date Occur: Not reported
 Cleanup: 11/08/1993
 Closure Request: Not reported
 Close Out: 01/28/1994
 Level Of Soil Cleanup Achieved: Soil to Groundwater
 Tank Regulated Status: Regulated
 # Of Supply Wells: 0
 Commercial/NonCommercial UST Site: COMMERCIAL
 Risk Classification: L
 Risk Class Based On Review: L
 Corrective Action Plan Type: Not reported
 NOV Issue Date: Not reported
 NORR Issue Date: Not reported
 Site Priority: Not reported
 Phase Of LSA Req: Not reported
 Site Risk Reason: Not reported
 Land Use: Not reported

Actual:
625 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 8375 (Continued)

U003136577

MTBE: Not reported
MTBE1: Unknown
Flag: Yes
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Not reported
PETOPT: 3
RPL: False
CD Num: 3
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long Decimal: 35.1512 -80.8920
Testlat: Not reported
Regional Officer Project Mgr: MT
Region: Mooresville
Company: Not reported
Contact Person: Not reported
Telephone: Not reported
RP Address: Not reported
RP City,St,Zip: Not reported
RP County: Not reported
Comments: Not reported
5 Min Quad: Not reported

PIRF:

Facility Id: 11501
Date Occurred: 1993-07-19 00:00:00
Date Reported: 1994-01-11 00:00:00
Description Of Incident: SOIL CONTAM. FOUND AROUND FILL PIPE.
Owner/Operator: KAREN PRICE
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: 1997-02-19 00:00:00
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 8375 (Continued)

U003136577

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: 1994-01-28 00:00:00

UST:

Facility Id: 00-0-0000017111
Contact: CIRCLE K CORP.
Contact Address1: 500 S FAULKENBURG RD
Contact Address2: Not reported
Contact City/State/Zip: TAMPA, FL 33619
FIPS County Desc: Mecklenburg
Latitude: 0
Longitude: 0

Tank Id: 1
Tank Status: Removed
Installed Date: 04/23/1975
Perm Close Date: 07/27/1993
Product Key: 3
Product Name: Gasoline, Gas Mix
Tank Capacity: 10000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Tank Construction: Single Wall Steel
Piping Construction: Single Wall Steel
Piping System Key: Unknown
Other CP Tank: Not reported

Tank Id: 2
Tank Status: Removed
Installed Date: 04/23/1975
Perm Close Date: 07/27/1993
Product Key: 3
Product Name: Gasoline, Gas Mix
Tank Capacity: 4000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Tank Construction: Single Wall Steel
Piping Construction: Single Wall Steel
Piping System Key: Unknown
Other CP Tank: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B8
NNE
1/8-1/4
0.219 mi.
1155 ft.

7-11 STORE #15061 SOUTHLAND
550 ARCHDALE DRIVE
CHARLOTTE, NC

IMD S101573384
N/A

Site 2 of 5 in cluster B

Relative:
Lower

IMD:

Actual:
625 ft.

Region: MOR
Facility ID: 11501
Date Occurred: Not reported
Submit Date: 1/11/1994
GW Contam: No Groundwater Contamination detected
Soil Contam: Yes
Incident Desc: SOIL CONTAM. FOUND AROUND FILL PIPE.
Operator: Not reported
Contact Phone: Not reported
Owner Company: Not reported
Operator Address: Not reported
Operator City: Not reported
Oper City, St, Zip: Not reported
Ownership: Private
Operation: Commercial
Material: GASOLINE
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: Facility
Setting: Urban
Risk Site: L
Site Priority: Not reported
Priority Code: Not reported
Priority Update: Not reported
Dem Contact: MT
Wells Affected: Not reported
Num Affected: 0
Wells Contam: Not reported
Sampled By: Not reported
Samples Include: Not reported
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: Not reported
Longitude: Not reported
Latitude Number: Not reported
Longitude Number: Not reported
Latitude Decimal: Not reported
Longitude Decimal: Not reported
GPS: NOD
Agency: DWM
Facility ID: 11501
Last Modified: 2/19/1997
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 Sighned: Not reported
Reclassification Report: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-11 STORE #15061 SOUTHLAND (Continued)

S101573384

RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 1/28/1994

B9
NNE
1/8-1/4
0.219 mi.
1155 ft.

STIKES CLEANERS LAUNDRY
550 ARCHDALE DR
CHARLOTTE, NC

EDR US Hist Cleaners 1009151874
N/A

Site 3 of 5 in cluster B

Relative:
Lower

EDR Historical Cleaners:

Name: STIKES CLEANERS LAUNDRY
Year: 1975
Type: CLEANERS AND DYERS

Actual:
625 ft.

Name: FASHION CLEANERS II (SUNG HAN)
Year: 1991
Type: LAUNDRIES AND DRY CLEANERS

Name: FASHION CLEANERS II (SUNG HAN)
Year: 1991
Type: LAUNDRIES AND DRY CLEANERS

Name: FASHION CLEANERS II (SUNG HAN)
Year: 1991
Type: LAUNDRIES AND DRY CLEANERS

Name: FASHION CLEANERS II (SUNG HAN)
Year: 1991
Type: LAUNDRIES AND DRY CLEANERS

Name: FASHION CLEANERS & LAUNDRY
Year: 2002
Address: 550 ARCHDALE DR

B10
NNE
1/8-1/4
0.219 mi.
1156 ft.

STIKES CLEANERS LAUNDRY
550 ARCHDALE DR
CHARLOTTE SUBURBAN, NC

EDR US Hist Cleaners 1009208824
N/A

Site 4 of 5 in cluster B

Relative:
Lower

EDR Historical Cleaners:

Name: STIKES CLEANERS LAUNDRY
Year: 1975
Type: CLEANERS AND DYERS

Actual:
626 ft.

MAP FINDINGS

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

B11 NNE 1/8-1/4 0.248 mi. 1308 ft.	G S CARPET CLEANERS 620 ARCHDALE DR CHARLOTTE, NC Site 5 of 5 in cluster B	EDR US Hist Cleaners	1009151396 N/A
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Relative: Lower	EDR Historical Cleaners: Name: G S CARPET CLEANERS Year: 1974 Type: CARPET AND RUG CLEANERS
Actual: 637 ft.	

C12 NW 1/8-1/4 0.250 mi. 1318 ft.	FIRST ALLIANCE LOGISTICS MANAGEMENT 207 REGENCY EXECUTIVE PARK DRIVE CHARLOTTE, NC 28217 Site 1 of 2 in cluster C	SWRCY	S111444957 N/A
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Relative: Higher	SWRCY: Facility Phone: 7045220233 Contact Name: Jarrett Carroll Contact Email: jarrettcarrroll@palletalliance.com Company URL: http://www.palletalliance.com POB Address: 207 Regency Executive Park Drive POB City/State/Zip: Charlotte, NC 28217
Actual: 702 ft.	

C13 NW 1/4-1/2 0.251 mi. 1323 ft.	IGLESIA EVANGELICA H.O. #1 7410 NATIONS FORD CHARLOTTE, NC 28217 Site 2 of 2 in cluster C	LUST	S109164456 N/A
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Relative: Higher	LUST: Facility ID: Not reported UST Number: MO-7933 Incident Number: 36547 Contamination Type: Soil Source Type: Leak-underground Product Type: PETROLEUM Date Reported: 08/07/2008 Date Occur: 07/18/2008 Cleanup: 07/14/2008 Closure Request: Not reported Close Out: 08/11/2008 Level Of Soil Cleanup Achieved: Soil to Groundwater Tank Regulated Status: Non Regulated # Of Supply Wells: 0 Commercial/NonCommercial UST Site: NON COMMERCIAL Risk Classification: L Risk Class Based On Review: L Corrective Action Plan Type: Not reported NOV Issue Date: Not reported NORR Issue Date: Not reported Site Priority: Not reported Phase Of LSA Req: Not reported Site Risk Reason: Not reported Land Use: Residential MTBE: No MTBE1: Unknown
Actual: 698 ft.	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IGLESIA EVANGELICA H.O. #1 (Continued)

S109164456

Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Not reported
PETOPT: 4
RPL: False
CD Num: 390
Reel Num: 0
RPOW: True
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.1516 -80.8983
Testlat: Not reported
Regional Officer Project Mgr: BLM
Region: Mooresville
Company: NATIONS FORD COMMUNITY CHURCH
Contact Person: Not reported
Telephone: Not reported
RP Address: 5901 NATIONS FORD ROAD
RP City,St,Zip: CHARLOTTE, NC 28217
RP County: Not reported
Comments: TWO HEATING OIL USTS REMOVED FROM THE SAME SITE HOWEVER DIFFERENT UST
BASINS. THEREFORE 2 SEPARATE INCIDENTS CREATED.
5 Min Quad: Not reported

PIRF:

Facility Id: 36547
Date Occurred: 2008-07-18 00:00:00
Date Reported: 2008-08-07 00:00:00
Description Of Incident: Not reported
Owner/Operator: Not reported
Ownership: 4
Operation Type: 4
Type: 4
Location: 8
Site Priority: Not reported
Priority Update: Not reported
Wells Affected Y/N: N
Samples Include: Not reported
7#5 Minute Quad: Y
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: 2
Cause: 7
Source: A
Ust Number: P

Last Modified: Not reported
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IGLESIA EVANGELICA H.O. #1 (Continued)

S109164456

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: Not reported

Facility ID: Not reported
UST Number: MO-7934
Incident Number: 36548
Contamination Type: Soil
Source Type: Leak-underground
Product Type: PETROLEUM
Date Reported: 08/07/2008
Date Occur: 07/24/2008
Cleanup: 07/22/2008
Closure Request: Not reported
Close Out: 02/06/2009
Level Of Soil Cleanup Achieved: Industrial/Commercial
Tank Regulated Status: Non Regulated
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: Not reported
Phase Of LSA Req: Not reported
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: Unknown
Flag: Yes
Flag1: No
LUR Filed: 02/12/2009
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to alternate standards
PETOPT: 4
RPL: False
CD Num: 421
Reel Num: 0
RPOW: True
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.1519 -80.8983
Testlat: Not reported
Regional Officer Project Mgr: BLM
Region: Mooresville
Company: NATIONS FORD COMMUNITY
Contact Person: CHARLES ELLIOT
Telephone: 7045226480
RP Address: 5901 NATIONS FORD ROAD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IGLESIA EVANGELICA H.O. #1 (Continued)

S109164456

RP City,St,Zip: CHARLOTTE, NC 28217
RP County: Not reported
Comments: NEED GROUNDWATER AND SOIL RESTRICTION
5 Min Quad: Not reported

PIRF:

Facility Id: 36548
Date Occurred: 2008-07-24 00:00:00
Date Reported: 2008-08-07 00:00:00
Description Of Incident: Not reported
Owner/Operator: Not reported
Ownership: 4
Operation Type: 4
Type: 4
Location: 8
Site Priority: Not reported
Priority Update: Not reported
Wells Affected Y/N: N
Samples Include: Not reported
7#5 Minute Quad: Y
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: 2
Cause: 7
Source: A
Ust Number: P

Last Modified: Not reported
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: 2008-09-09 00:00:00
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: Not reported

14
South
1/2-1
0.822 mi.
4338 ft.

PANTRY #824 SOLVENTS
8925 NATIONS FORD ROAD
CHARLOTTE, NC

SHWS S105586613
IMD N/A

Relative:
Higher
Actual:
692 ft.

SHWS:
Facility ID: NONCD0002260
Lat/Longitude: 35.136111 / -80.891944
Geolocation Method: Unknown

IMD:

Region: MOR
Facility ID: 86319
Date Occurred: 7/25/2002
Submit Date: 8/2/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PANTRY #824 SOLVENTS (Continued)

S105586613

GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: Not reported
Incident Desc: MW @ UST#24284 WITH 80 PPB PCE. NO RECEPTORS W/IN 1500.
Operator: UNKNOWN,
Contact Phone: Not reported
Owner Company: Not reported
Operator Address: Not reported
Operator City: Not reported
Oper City, St, Zip: Not reported
Ownership: Not Reported
Operation: Not Reported
Material: Not reported
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Unknown
Type: Other inorganics
Location: Not reported
Setting: Not reported
Risk Site: Not reported
Site Priority: 0
Priority Code: E
Priority Update: Not reported
Dem Contact: AHP
Wells Affected: No
Num Affected: 0
Wells Contam: Not reported
Sampled By: Not reported
Samples Include: Not reported
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: 35.136111
Longitude: -80.891944
Latitude Number: Not reported
Longitude Number: Not reported
Latitude Decimal: Not reported
Longitude Decimal: Not reported
GPS: EST
Agency: DWQ
Facility ID: 86319
Last Modified: 8/2/2002
Incident Phase: Discovery
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Sighned: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CHARLOTTE	1000106575	DOW CHEMICAL CORP/ALLIED CHEMICAL	2 WOODLAWN GREEN RD		HWS
CHARLOTTE	1000707747	QUEENS PROPERTY	RESEARCH DRIVE		HWS
CHARLOTTE	1003868270	DOW CHEM CORP	2 WOODLAWN GREEN RD	28210	CERCLIS-NFRAP
CHARLOTTE	1006034643	VULCAN MATERIALS CO	10331 OLD NATIONS	28273	MINES,FINDS,AIRS (AFS)
CHARLOTTE	1007706651	RTR TRANSMITTER SITE	OFF OLD DOWD ROAD NEAR OLD BER		FINDS
CHARLOTTE	1007706654	RTR RECEIVER SITE	OFF NANNIE PRICE ROAD		FINDS
CHARLOTTE	1014784581	DOVE ENVIRONMENTAL STORAGE UNIT DR	THE MINI STORAGE CENTER		FINDS
CHARLOTTE	1014914900	DOVE ENVIRONMENTAL STORAGE UNIT DR	THE MINI STORAGE CENTER		CERCLIS
CHARLOTTE	1014949354	QUICK STOP	739 US HIGHWAY 25 N	30442	BROWNFIELDS
CHARLOTTE	1015754966	TRANSPORTATION SECURITY ADMINISTRA	3800 ARCO CORP DR. SUITE 400	28273	CERCLIS
CHARLOTTE	S101525480	ELMWOOD CIRCLE	ELMWOOD CIRCLE		HWS,IMD
CHARLOTTE	S103229044	AQUAIR CORPORATION	133000 SAM NEELY RD		HWS
CHARLOTTE	S103229259	HWY 49 BATTERY DUMP	NC HIGHWAY 49		HWS,IMD
CHARLOTTE	S103229559	VAN WATERS & ROGERS	ATANDO INDUSTRIAL PARK		HWS
CHARLOTTE	S105040811	HENSON'S, INC. MULCH & MORE	OLD LANDCASTER HWY		LF,HIST LF
RIVERBEND TOWNSHIP	S105895044	RIVERBEND UNITED METHODIST CHURCH	HWY 16 AND HORSESHOE BEND BEAC	28210	IMD,LUST
CHARLOTTE	S109015505	NCDOT ASPHALT SITE #2 (CROWDER CON	CROWDER CONST, HWY 16, 6433 BR		HWS
CHARLOTTE	S109164088	C D SPANGLER CONSTRUCTION CO	U.S. HIGHWAY 29		LF
CHARLOTTE	S111241073	MECKLENBURG COUNTY LANDFILL	17131 HIGHWAY 521		LF
CHARLOTTE	S112069769	NCDOT - MECKLENBERG COUNTY BRIDGE	HWY 49 & I-77	28217	MANIFEST

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: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/22/2013
	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: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/22/2013
	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: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/22/2013
	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: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/29/2013	Telephone: 703-412-9810
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 05/29/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 09/09/2013
	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: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 07/08/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 10/21/2013
	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: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/29/2013	Telephone: 703-412-9810
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 05/29/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 05/09/2013
	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: 02/12/2013
Date Data Arrived at EDR: 02/21/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 6

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 10/14/2013
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: 06/18/2013
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 10/14/2013
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: 06/18/2013
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 10/14/2013
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: 06/18/2013
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 10/14/2013
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: 06/18/2013
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 10/14/2013
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: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 06/10/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/23/2013
	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: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 06/10/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/23/2013
	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: 08/15/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/02/2013
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/17/2013	Telephone: 202-267-2180
Date Made Active in Reports: 02/15/2013	Last EDR Contact: 07/01/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/14/2013
	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: 08/01/2013
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/18/2013
	Data Release Frequency: Biennially

State- and tribal - equivalent CERCLIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/24/2013	Source: Department of Environment, Health and Natural Resources
Date Data Arrived at EDR: 06/20/2013	Telephone: 919-508-8400
Date Made Active in Reports: 07/05/2013	Last EDR Contact: 06/20/2013
Number of Days to Update: 15	Next Scheduled EDR Contact: 09/30/2013
	Data Release Frequency: Quarterly

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: 07/01/2013	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 07/03/2013	Telephone: 919-733-0692
Date Made Active in Reports: 08/05/2013	Last EDR Contact: 07/03/2013
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/14/2013
	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: 04/05/2013	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 04/18/2013	Telephone: 919-733-4996
Date Made Active in Reports: 05/09/2013	Last EDR Contact: 07/19/2013
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/28/2013
	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: 05/10/2013	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 05/16/2013	Telephone: 919-733-1308
Date Made Active in Reports: 07/05/2013	Last EDR Contact: 08/15/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/25/2013
	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: 07/12/2013	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 07/17/2013	Telephone: 919-733-1315
Date Made Active in Reports: 08/05/2013	Last EDR Contact: 10/17/2013
Number of Days to Update: 19	Next Scheduled EDR Contact: 10/28/2013
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tank site locations.

Date of Government Version: 05/10/2013
Date Data Arrived at EDR: 05/16/2013
Date Made Active in Reports: 07/05/2013
Number of Days to Update: 50

Source: Department of Environment & Natural Resources
Telephone: 877-623-6748
Last EDR Contact: 08/15/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
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: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 02/08/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 11/01/2012
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 162

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

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: 05/10/2013	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 05/16/2013	Telephone: 919-733-1308
Date Made Active in Reports: 07/03/2013	Last EDR Contact: 08/15/2013
Number of Days to Update: 48	Next Scheduled EDR Contact: 11/25/2013
	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: 03/25/2013	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 03/25/2013	Telephone: 919-715-6183
Date Made Active in Reports: 04/02/2013	Last EDR Contact: 06/20/2013
Number of Days to Update: 8	Next Scheduled EDR Contact: 10/07/2013
	Data Release Frequency: Semi-Annually

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: 07/24/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Semi-Annually

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: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

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: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6137
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/24/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/21/2013	Source: EPA Region 9
Date Data Arrived at EDR: 02/26/2013	Telephone: 415-972-3368
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

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: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 11/07/2012	Telephone: 617-918-1313
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 08/02/2013
Number of Days to Update: 156	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/06/2013	Source: EPA Region 4
Date Data Arrived at EDR: 02/08/2013	Telephone: 404-562-9424
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/11/2013
	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: 08/02/2012	Source: EPA Region 5
Date Data Arrived at EDR: 08/03/2012	Telephone: 312-886-6136
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 07/24/2013
Number of Days to Update: 94	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

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: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

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: 07/19/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/28/2013
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/24/2013	Source: Department of Environment, Health and Natural Resources
Date Data Arrived at EDR: 06/20/2013	Telephone: 919-508-8400
Date Made Active in Reports: 07/05/2013	Last EDR Contact: 12/17/2110
Number of Days to Update: 15	Next Scheduled EDR Contact: 09/30/2013
	Data Release Frequency: Quarterly

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: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 10/02/2012	Telephone: 617-918-1102
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/02/2013
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/14/2013
	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: 05/24/2013	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 06/20/2013	Telephone: 919-508-8400
Date Made Active in Reports: 07/05/2013	Last EDR Contact: 06/20/2013
Number of Days to Update: 15	Next Scheduled EDR Contact: 09/30/2013
	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: 05/07/2013	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 07/10/2013	Telephone: 919-733-4996
Date Made Active in Reports: 08/02/2013	Last EDR Contact: 07/10/2013
Number of Days to Update: 23	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/24/2013
Date Data Arrived at EDR: 06/25/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 08/05/2013
Next Scheduled EDR Contact: 10/07/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/26/2013
Next Scheduled EDR Contact: 11/11/2013
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
Date Data Arrived at EDR: 02/13/2007
Date Made Active in Reports: 03/02/2007
Number of Days to Update: 17

Source: Department of Environment & Natural Resources
Telephone: 919-733-0692
Last EDR Contact: 01/19/2009
Next Scheduled EDR Contact: 04/19/2009
Data Release Frequency: Quarterly

SWRCY: Recycling Center Listing

A listing of recycling center locations.

Date of Government Version: 08/06/2012
Date Data Arrived at EDR: 08/08/2012
Date Made Active in Reports: 09/13/2012
Number of Days to Update: 36

Source: Department of Environment & Natural Resources
Telephone: 919-707-8137
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/31/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/04/2013
Date Data Arrived at EDR: 03/12/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 59

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/03/2013
Next Scheduled EDR Contact: 09/16/2013
Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 04/25/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 55

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/01/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Annually

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: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

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

Date of Government Version: 06/14/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 09/27/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/06/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: 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: 06/18/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2013	Telephone: (404) 562-8651
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 08/08/2013
Number of Days to Update: 39	Next Scheduled EDR Contact: 10/14/2013
	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: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 08/05/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/18/2013
	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: 07/19/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/28/2013
	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: 12/31/2011	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 02/26/2013	Telephone: 202-528-4285
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 06/10/2013
Number of Days to Update: 15	Next Scheduled EDR Contact: 09/23/2013
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 01/15/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/14/2013
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: 12/18/2012
Date Data Arrived at EDR: 03/13/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 30

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/11/2013
Next Scheduled EDR Contact: 09/23/2013
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

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

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/28/2013
Next Scheduled EDR Contact: 09/09/2013
Data Release Frequency: Varies

US MINES: Mines Master Index File

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

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 04/18/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/04/2013
Next Scheduled EDR Contact: 09/16/2013
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
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/29/2013
Next Scheduled EDR Contact: 09/09/2013
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
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/07/2013
Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/22/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/09/2013
	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: 08/22/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/09/2013
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

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: 07/24/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/01/2013
Number of Days to Update: 61	Next Scheduled EDR Contact: 10/28/2013
	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: 11/01/2012	Source: EPA
Date Data Arrived at EDR: 01/16/2013	Telephone: 202-566-0500
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 07/17/2013
Number of Days to Update: 114	Next Scheduled EDR Contact: 10/28/2013
	Data Release Frequency: Annually

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: 03/14/2013	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 03/20/2013	Telephone: 301-415-7169
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 07/10/2013
Number of Days to Update: 112	Next Scheduled EDR Contact: 09/23/2013
	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: 04/09/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/11/2013	Telephone: 202-343-9775
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 07/12/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/21/2013
	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: 03/08/2013	Source: EPA
Date Data Arrived at EDR: 03/21/2013	Telephone: (404) 562-9900
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 08/15/2013
Number of Days to Update: 111	Next Scheduled EDR Contact: 09/23/2013
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

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

Date of Government Version: 05/08/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/30/2013
Next Scheduled EDR Contact: 09/09/2013
Data Release Frequency: Biennially

UIC: Underground Injection Wells Listing

A listing of uncerground injection wells locations.

Date of Government Version: 05/13/2013
Date Data Arrived at EDR: 05/16/2013
Date Made Active in Reports: 07/05/2013
Number of Days to Update: 50

Source: Department of Environment & Natural Resources
Telephone: 919-807-6412
Last EDR Contact: 08/09/2013
Next Scheduled EDR Contact: 11/25/2013
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: 05/13/2013
Date Data Arrived at EDR: 06/25/2013
Date Made Active in Reports: 08/02/2013
Number of Days to Update: 38

Source: Department of Environment & Natural Resources
Telephone: 919-508-8400
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/07/2013
Data Release Frequency: Varies

NPDES: NPDES Facility Location Listing

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

Date of Government Version: 05/01/2013
Date Data Arrived at EDR: 06/05/2013
Date Made Active in Reports: 07/05/2013
Number of Days to Update: 30

Source: Department of Environment & Natural Resources
Telephone: 919-733-7015
Last EDR Contact: 08/15/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/19/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/28/2013
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 08/01/2013
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/04/2013
	Data Release Frequency: Varies

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/23/2013	Source: EPA
Date Data Arrived at EDR: 01/30/2013	Telephone: 202-564-5962
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 06/25/2013
Number of Days to Update: 100	Next Scheduled EDR Contact: 10/14/2013
	Data Release Frequency: Annually

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

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

Date of Government Version: 01/23/2013	Source: EPA
Date Data Arrived at EDR: 01/30/2013	Telephone: 202-564-5962
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 06/25/2013
Number of Days to Update: 100	Next Scheduled EDR Contact: 10/14/2013
	Data Release Frequency: Annually

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: 08/01/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/18/2013
	Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/18/2012	Source: EPA
Date Data Arrived at EDR: 04/04/2013	Telephone: 202-564-6023
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 07/03/2013
Number of Days to Update: 97	Next Scheduled EDR Contact: 10/14/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 08/16/2013
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/25/2013
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/14/2013	Telephone: 703-603-8787
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 07/03/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 12/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2013	Telephone: 617-520-3000
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 08/07/2013
Number of Days to Update: 81	Next Scheduled EDR Contact: 11/25/2013
	Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 03/04/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/15/2013	Telephone: 202-566-1917
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 08/23/2013
Number of Days to Update: 56	Next Scheduled EDR Contact: 12/02/2013
	Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/02/2013
Next Scheduled EDR Contact: 11/11/2013
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
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
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: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 10/26/2012
Number of Days to Update: 23

Source: Department of Environmental & Natural Resources
Telephone: 919-508-8496
Last EDR Contact: 06/26/2013
Next Scheduled EDR Contact: 10/14/2013
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
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/14/2013
Next Scheduled EDR Contact: 09/23/2013
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 10/06/2011
Date Made Active in Reports: 11/01/2011
Number of Days to Update: 26

Source: Department of Environment & Natural Resources
Telephone: 919-733-1322
Last EDR Contact: 08/15/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Quarterly

Financial Assurance 3: Financial Assurance Information

Hazardous waste financial assurance information.

Date of Government Version: 09/30/2012
Date Data Arrived at EDR: 10/19/2012
Date Made Active in Reports: 11/29/2012
Number of Days to Update: 41

Source: Department of Environment & Natural Resources
Telephone: 919-707-8222
Last EDR Contact: 06/13/2013
Next Scheduled EDR Contact: 09/30/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

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

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

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

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: 05/20/2013	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 05/21/2013	Telephone: 860-424-3375
Date Made Active in Reports: 06/27/2013	Last EDR Contact: 08/19/2013
Number of Days to Update: 37	Next Scheduled EDR Contact: 12/02/2013
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/19/2012	Telephone: N/A
Date Made Active in Reports: 08/28/2012	Last EDR Contact: 07/19/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/28/2013
	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: 05/01/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/09/2013	Telephone: 518-402-8651
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 08/07/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 11/18/2013
	Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/24/2013	Telephone: 717-783-8990
Date Made Active in Reports: 08/19/2013	Last EDR Contact: 07/18/2013
Number of Days to Update: 26	Next Scheduled EDR Contact: 11/04/2013
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012	Source: Department of Environmental Management
Date Data Arrived at EDR: 06/21/2013	Telephone: 401-222-2797
Date Made Active in Reports: 08/05/2013	Last EDR Contact: 05/28/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 09/09/2013
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/17/2013
Next Scheduled EDR Contact: 09/30/2013
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.

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

5.885 ACRE ARCHDALE DRIVE SITE
219 ARCHDALE DRIVE
CHARLOTTE, NC 28217

TARGET PROPERTY COORDINATES

Latitude (North):	35.1489 - 35° 8' 56.04"
Longitude (West):	80.8939 - 80° 53' 38.04"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	509664.5
UTM Y (Meters):	3889362.8
Elevation:	691 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	35080-B8 CHARLOTTE WEST, 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 principal investigative components:

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

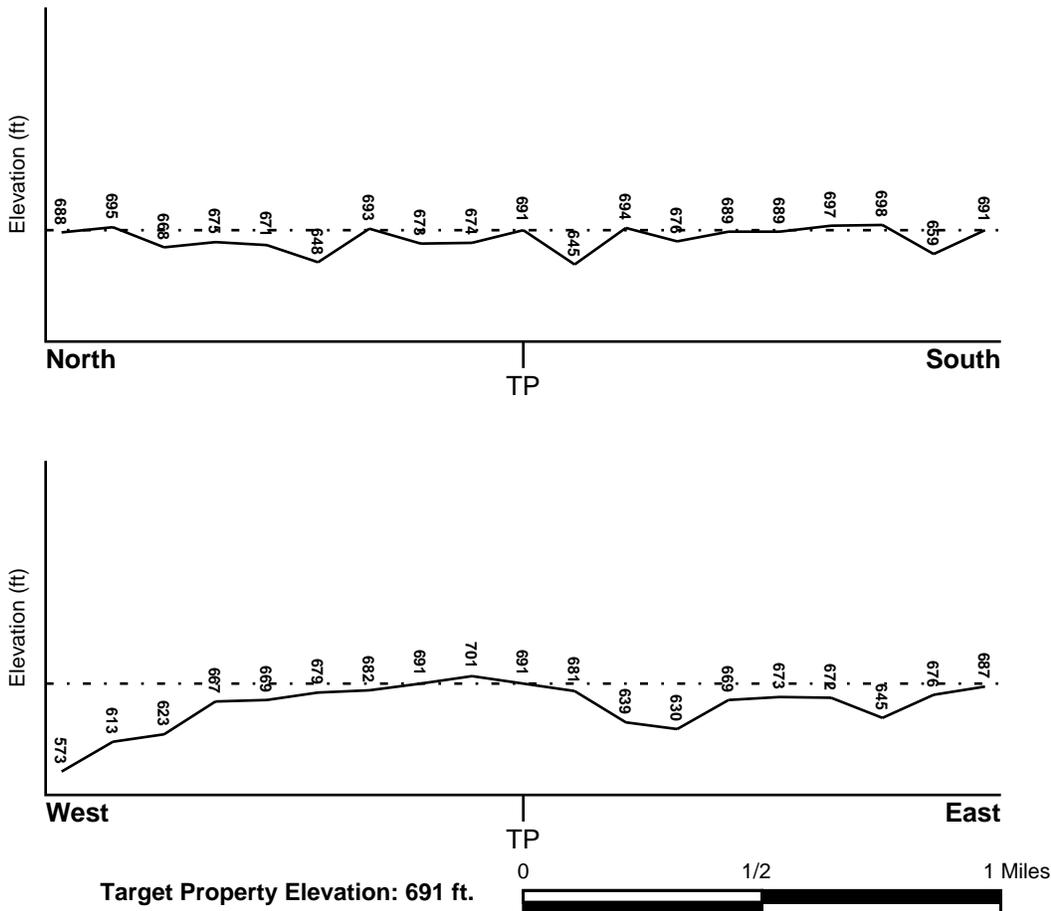
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> MECKLENBURG, NC	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	37119C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> CHARLOTTE WEST	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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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>
3	1/2 - 1 Mile SSW	Not Reported

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

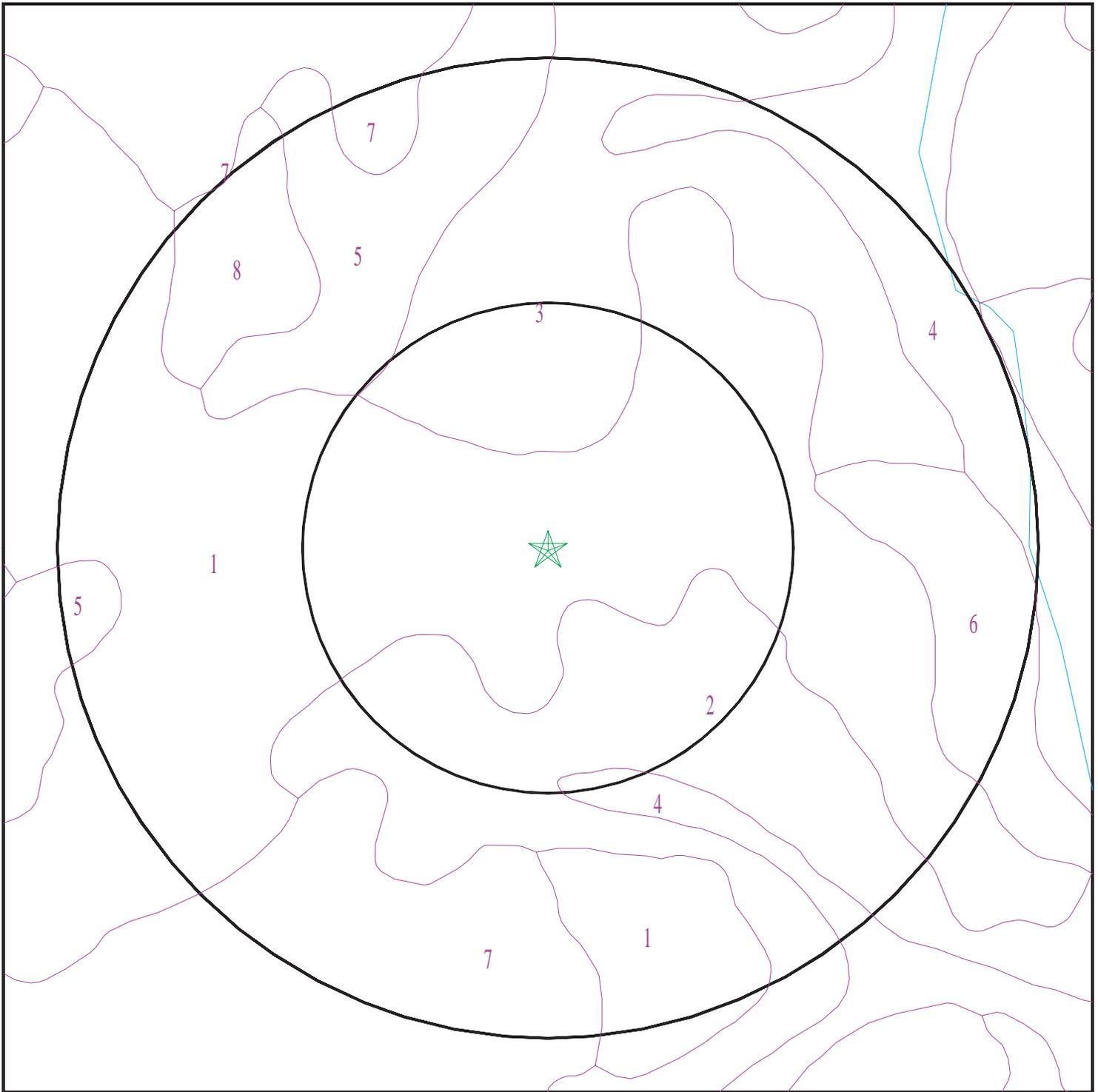
Era: Paleozoic
System: Mississippian
Series: Paleozoic mafic intrusives
Code: Pzmi (*decoded above as Era, System & Series*)

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).

SSURGO SOIL MAP - 3705552.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: 5.885 Acre Archdale Drive Site
ADDRESS: 219 Archdale Drive
Charlotte NC 28217
LAT/LONG: 35.1489 / 80.8939

CLIENT: Geoscience Group
CONTACT: Thomas Hassett
INQUIRY #: 3705552.2s
DATE: August 23, 2013 1:19 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
2	5 inches	51 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
3	51 inches	85 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 5.5 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
2	5 inches	51 inches		Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
3	51 inches	85 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 5.5 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: Wilkes

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	7 inches	14 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	14 inches	44 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
4	44 inches	48 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 4

Soil Component Name: Monacan

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.1
2	14 inches	25 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.1
3	64 inches	79 inches	stratified sand to clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.1
4	25 inches	64 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

Soil Component Name: Pacolet

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
2	7 inches	29 inches	clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
3	29 inches	38 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
4	38 inches	59 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 6

Soil Component Name: Wilkes

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	7 inches	14 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	14 inches	44 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
4	44 inches	48 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 7

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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
2	5 inches	48 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
3	48 inches	61 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 8

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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
2	5 inches	48 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
3	48 inches	61 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5

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	USGS40000885059	1/2 - 1 Mile NNW
2	USGS40000885039	1/2 - 1 Mile ENE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

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

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

STATE DATABASE WELL INFORMATION

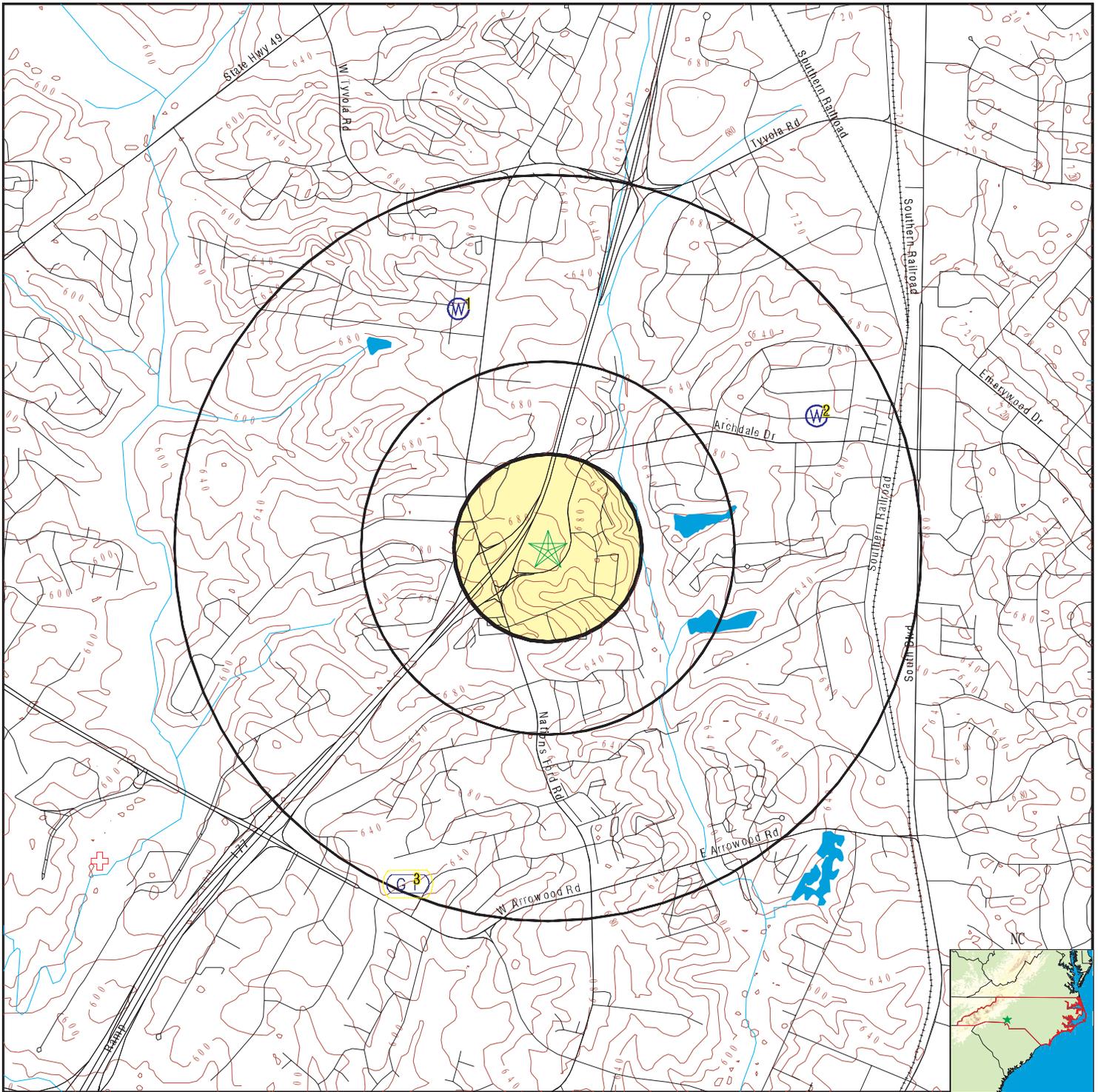
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

OTHER STATE DATABASE INFORMATION

NORTH CAROLINA NATURAL HERITAGE ELEMENT OCCURRENCES

<u>ID</u>	<u>Class</u>
NC50013065	Invertebrate

PHYSICAL SETTING SOURCE MAP - 3705552.2s



- | | | |
|--|--|---------------------------|
| County Boundary | Groundwater Flow Direction | Wildlife Areas |
| Major Roads | Indeterminate Groundwater Flow at Location | Natural Areas |
| Contour Lines | Groundwater Flow Varies at Location | Rare & Endangered Species |
| Earthquake epicenter, Richter 5 or greater | | |
| Water Wells | | |
| Public Water Supply Wells | | |
| Cluster of Multiple Icons | | |

SITE NAME: 5.885 Acre Archdale Drive Site
 ADDRESS: 219 Archdale Drive
 Charlotte NC 28217
 LAT/LONG: 35.1489 / 80.8939

CLIENT: Geoscience Group
 CONTACT: Thomas Hassett
 INQUIRY #: 3705552.2s
 DATE: August 23, 2013 1:19 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
NNW
1/2 - 1 Mile
Higher

FED USGS USGS40000885059

Org. Identifier:	USGS-NC		
Formal name:	USGS North Carolina Water Science Center		
Monloc Identifier:	USGS-350929080535401		
Monloc name:	ME-213		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	35.1581993
Longitude:	-80.8981285	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation type:	Felsic Metagneous Rock		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	108
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

2
ENE
1/2 - 1 Mile
Higher

FED USGS USGS40000885039

Org. Identifier:	USGS-NC		
Formal name:	USGS North Carolina Water Science Center		
Monloc Identifier:	USGS-350914080525301		
Monloc name:	ME-205		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	35.1540329
Longitude:	-80.8811837	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation type:	Felsic Metagneous Rock		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	156
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

3	Site ID:	10492		
SSW	Groundwater Flow:	Not Reported	AQUIFLOW	41073
1/2 - 1 Mile	Shallowest Water Table Depth:	Not Reported		
Lower	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	17.5		
	Depth to rock - shallowest:	Not Reported		
	Depth to rock - deepest:	Not Reported		
	Depth to rock - average:	25		
	Date:	04/06/1993		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

GIS ID: 42499
Classification by Type: Invertebrate
Occurrence Status: X

NC_NHEO NC50013065

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
6	1.67	0.7	3.7

Federal EPA Radon Zone for MECKLENBURG County: 3

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

Federal Area Radon Information for MECKLENBURG COUNTY, NC

Number of sites tested: 46

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.569 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.900 pCi/L	100%	0%	0%
Basement	1.278 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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APPENDIX V

Environmental Questionnaire
Reviewed Documents

USER QUESTIONNAIRE

**5.885 Acre Archdale Drive Site
Charlotte, North Carolina**

Assistant General Counsel 
Title and Signature of Person Completing Questionnaire

9/13/13
Date

Please provide an answer to each question or attach pertinent information and identify a number for each attachment.

(1.) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?

No Yes (Describe or attach information) Attachment No. _____

(2.) Are you aware of any Activity and Use Limitations (AULs), such as engineering controls (e.g. engineered caps, foundations, liners, treatment methods, etc. in use to prevent contamination from migrating to surrounding areas), land use restrictions or institutional controls (e.g. administrative measures restricting groundwater use, construction, or property use) that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

No Yes (Describe or attach information) Attachment No. _____

(3.) Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

No Yes (Describe or attach information) Attachment No. _____

USER QUESTIONNAIRE (Continued)

***5.885 Archdale Drive Site
Charlotte, North Carolina***

(4.) Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

No Yes (Describe or attach information) Attachment No. _____

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*?

No Yes (Describe or attach information) Attachment No. _____

(5.) Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as User,

(a.) Do you know the past uses of the property?

No Yes (Describe or attach information) Attachment No. _____

(b.) Do you know of specific chemicals that are present or once were present at the property?

No Yes (Describe or attach information) Attachment No. _____

(c.) Do you know of spills or other chemical releases that have taken place at the property?

No Yes (Describe or attach information) Attachment No. _____

(d.) Do you know of any environmental cleanups that have taken place at the property?

No Yes (Describe or attach information) Attachment No. _____

(6.) As the User of the ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

No Yes (Describe or attach information) Attachment No. _____

GEOSCIENCE GROUP, INC.
Environmental Questionnaire
(to be completed by current property owner)
5.885 Acre Archdale Drive Site

1. Is the property or any adjoining property used for an industrial use?

YES

NO

UNKNOWN

If Yes, please explain: _____

2. To the best of your knowledge, has the property or any adjoining property been used for an industrial use in the past?

YES

NO

UNKNOWN

If yes, please explain: _____

3. Is the property or any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?

YES

NO

UNKNOWN

If yes, please explain: _____

4. To the best of your knowledge, has the property or adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?

YES

NO

UNKNOWN

If yes, please explain: _____

5. Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paint, or other chemicals in individual containers of greater than 5 gallons (19L) in volume or 50 gallons (190L) in the aggregate, stored on or used at the property or at the facility?

YES

NO

UNKNOWN

If yes, please explain: _____

6. Are there currently, or to the best of your knowledge, have there been previously, any industrial drums (typically 55 gallons (208L)) or sacks of chemicals located on the property or at the facility?

YES

NO

UNKNOWN

If yes, please explain: _____

7. Has fill dirt been brought onto the property that originated from a contaminated site or that is of an unknown origin?

YES

NO

UNKNOWN

If yes, please explain: _____

8. Are there currently, or to the best of your knowledge, have there been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?

YES

NO

UNKNOWN

If yes, please explain: _____

GEOSCIENCE GROUP, INC.
Environmental Questionnaire
(to be completed by current property owner)
5.885 Acre Archdale Drive Site

9. Is there currently, or to the best of your knowledge have there have been previously, any stained soil on the property?

YES

NO

UNKNOWN

If yes, please explain: _____

10. Is there currently, or to the best of your knowledge, have there been previously, any registered or unregistered storage tanks (above or underground) located on the property?

YES

NO

UNKNOWN

If yes, please explain: _____

11. Are there currently, or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?

YES

NO

UNKNOWN

If yes, please explain: _____

12. Are there currently, or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?

YES

NO

UNKNOWN

If yes, please explain: _____

13. If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?

YES

NO

UNKNOWN

If yes, please explain: _____

14. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?

YES

NO

UNKNOWN

If yes, please explain: _____

15. Has the owner or occupant of the property been informed of the past or current existence of hazardous substances or petroleum products or environmental violations with respect to the property or any facility located on the property?

YES

NO

UNKNOWN

If yes, please explain: _____

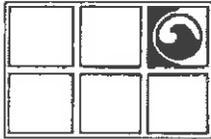
16. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?

YES

NO

UNKNOWN

If yes, please explain: _____



GROUNDWATER TECHNOLOGY

Groundwater Technology, Inc.

1000 Perimeter Park Drive, Suite I, Morrisville, NC 27560
Tel: (919) 467-2227 Fax: (919) 467-2299

October 19, 1993

Mr. Allen Schiff
NCDEHNR
919 N. Main Street
Mooresville, NC 28115

RE: **Underground Storage Tank (UST) Removal Report
Former 7-Eleven Facility #15061
550 Archdale Drive
Charlotte, North Carolina**

N.C. DEPT. OF
ENVIRONMENT, HEALTH,
& NATURAL RESOURCES

NOV 08 1993

DIVISION OF ENVIRONMENTAL MANAGEMENT
MOORESVILLE REGIONAL OFFICE

Dear Mr. Schiff:

At the request of The Southland Corporation (Southland), Groundwater Technology, Inc. (GTI) observed an underground storage tank (UST) excavation and removal conducted by Petroleum Equipment and Services, Inc. at the above-referenced facility. Site activities occurred during the period of July 19 through July 27, 1993. A GTI staff geologist was present during the excavation and UST removal to observe and document site activities. These activities included: the inspection of the USTs and associated piping for indications of integrity, screening excavated soil for the presence or absence of volatile organic vapors, and collection of soil samples for laboratory analysis.

The subject site is located at the intersection of Archdale Drive and High Meadow Lane, Charlotte, North Carolina. The site location is identified on the USGS Charlotte, North Carolina 7.5' quadrangle, (Attachment A, Figure 1). The former 7-Eleven facility is currently inactive. A site map illustrating relevant site features is presented as Figure 2 in Attachment A. A reconnaissance conducted around the former 7-Eleven facility following the UST excavation and removal activities did not identify any water supply wells within a 500 foot radius of the site.

On June 21, 1993, GTI on behalf of Southland, submitted form GW/UST-3 (Notice of Intent: UST Permanent Closure) to the Mooresville Regional Office of the North Carolina Department of Environment, Health, and Natural Resources (NCDEHNR) requesting permission to proceed with UST removal activities at the subject facility. Following the required 30 day waiting period, both USTs were excavated and removed from the site on July 19, 1993.

Upon removing the USTs, form GW/UST-2 (Site Investigation Report for Permanent Closure) was submitted to the NCDEHNR Mooresville Regional Office by GTI on October 19, 1993 confirming the completion of the excavation and removal of the USTs. Forms GW/UST-2 and GW/UST-3 are presented in Attachment C.

The UST system consisted of two (2) single-walled steel gasoline USTs, one (1) 4,000-gallon [tank A] and one (1) 10,000-gallon [tank B]. Tank A measured 64-inches (diameter) x 24 feet (length) and was buried from a depth of approximately 4 to 9 feet below grade. Tank B measured 96-inches (diameter) x 26 feet 8-inches (length) and was buried from a depth of approximately 4 to 12 feet below grade. The two tanks stored different grades of unleaded gasoline. The dispensing method for the gasoline consisted of a closed suction system. The dispensing pumps at this facility were centrally located over the UST field. There was no visible evidence of spillage observed during the inspection of the area dispensing island, fill pipes or vent pipes. Prior to the UST removal, each tank was measured for remnant product. The total volume of liquid (gasoline/water) in each UST was found to be less than 1 percent of the total tank volume. Each UST was then purged to remove available oxygen, using approximately 200 pounds of dry ice.

The tank excavation measured approximately 20 feet wide by 30 feet long and 14 feet deep (Attachment B, Photographs 1 and 2). The USTs were visually inspected by GTI personnel upon their removal from the excavation. Both tanks were found to be in overall good condition, with no holes or structural damage detected. However, numerous pitted blemishes were observed on the surface of both tanks, but there was no indication that corrosion had completely penetrated the tanks (Photographs 3 and 4). The area around the filler neck on the 10,000-gallon UST [tank B] appeared to be somewhat stained and possessed a slight hydrocarbon odor, possibly attributable minor overfills in the past. The USTs were then loaded onto a flat bed trailer (Photographs 5 and 6) and delivered to Southern Tank & Environmental, Inc. located in Charlotte, North Carolina. The manifests documenting the delivery and subsequent destruction of the tanks are included in Attachment C.

During the excavation, soil samples collected from the excavation were screened for the presence of volatile organic compounds (VOCs) using a Foxboro 128 Organic Vapor Analyzer (OVA). This instrument detects VOCs utilizing a flame ionization detector. Clean soils were stockpiled separately from contaminated soils exhibiting OVA response values above 10, or detectable odors of petroleum hydrocarbons. The contaminated soils identified during field screening were segregated and stored on plastic pending disposal. According to the screening results, OVA response values ranged from 0 to 460. Soil sample locations and the extent of the excavation are depicted on Figure 3. OVA responses and sample depths are listed in Table 1. Groundwater was not encountered during the excavation.

Table 1
Maximum Field OVA Responses and Laboratory Analysis of Soil Samples
UST Removal Activities
Former 7-Eleven Facility # 15061
550 Archdale Drive, Charlotte, North Carolina

SAMPLE I.D.	SAMPLE DEPTH (Feet)	OVA RESPONSE	TPH AS GASOLINE (mg/kg)
N. Wall	8 - 10	0	NSA
S. Wall	9 - 11	8	NSA
E. Wall	8 - 10	0	NSA
W. Wall	8 - 10	5	NSA
WM	10 - 12	30	NSA
WC	10 - 12	120	NSA
SC	10 - 12	380	NSA
SM	10 - 12	48	NSA
EB	14 - 16	460	NSA
TP-1	14 - 16	0	0.1
TP-2	14 - 16	0	ND
TP-3	14 - 16	0	ND
TP-4	14 - 16	0	ND
TP-5	14 - 16	0	ND
TP-6	14 - 16	0	0.1
CS-1	----	----	0.5
CS-2	----	----	5.5

NSA - Not Submitted for Analysis

ND - Not Detected

After the tanks were removed, soil samples were collected from each excavation sidewall for field screening of VOCs. Elevated OVA response values and detectable hydrocarbon odors indicated contaminated soils were present in the fill material around the 10,000 gallon tank at the southwest corner of the excavation. The fill material from this portion of the excavation along with approximately two additional feet of native soil from the southwest walls and base of the tank pit was excavated. Additional soil samples were collected for field screening from this area (WM, WC, SC, SM, and EB on Figure 2) in an attempt to identify the extent of the contamination. The

contaminated soils in this area of the tank pit were excavated until OVA response values and physical signs of petroleum impact indicated the bulk of contaminated soil had been removed.

Three soil samples were collected from beneath each tank (TP-1 through TP-6) at the base of the excavation using the backhoe. Upon collection, a representative portion of each sample was placed into a resealable plastic bag for VOC screening. The remainder of each sample was placed in laboratory-prepared sample containers and analyzed for total petroleum hydrocarbons (TPH) as gasoline by EPA Method 8015. Laboratory analytical results indicate concentrations of TPH as gasoline ranging from non-detectable to 0.5 milligrams per kilogram (mg/kg). The NCDEHNR action level for TPH as gasoline in soil is 10 parts per million (ppm). Copies of the original laboratory analytical reports are presented in Attachment D and summarized in Table 1.

Soil removed from the excavation is described as a dry, compacted, silty-sandy clay, fine to medium grained and rust/orange to brown in color.

Approximately 30 cubic yards of petroleum contaminated soil was removed during the excavation. The contaminated soil was staged within plastic just east of the tank pit in an area approximately 20 feet x 8 feet. The "clean" excavated soil was staged on asphalt adjacent to the tank pit. A composite sample (CS-1) was collected from the "clean" stockpiled soil and submitted for analysis of TPH as gasoline (EPA Method 8015) to determine if this soil was suitable to be returned to the excavation.

After the excavation was completed, the tank pit area was barricaded off and secured (Photo #7). The tank pit was left open until laboratory analysis of the composite sample (CS-1) could confirm the suitability of returning the stockpiled soil to the excavation. After laboratory analytical results indicated the composite sample was below laboratory method detection limits (Attachment D), the tank pit was backfilled with the clean stockpiled soil and an additional amount of clean fill material necessary to bring the excavation to within six inches of final grade.

In addition, a composite sample (CS-2) was collected from the contaminated stockpiled soil and submitted for analysis of the following parameters to determine waste characteristics and to satisfy laboratory requirements for a state-approved brick-manufacturing facility:

- TPH by modified EPA Method 8015;
- BTEX by EPA Method 8020;
- Total organic halogens by EPA Method 9020;
- TCLP metals; and
- Reactivity, corrosivity, and ignitibility.

Analytical results indicated that the stockpiled soils were non-hazardous and suitable for reclamation at a state-approved brick manufacturer licensed to treat non-hazardous soils. Stockpiled soils were removed from the site and transported to Cherokee Environmental Group's Moncure facility during October 1993. Soil analytical results are presented in Attachment D.

Based on field OVA screening and laboratory analytical results of the tank pit closure samples (TP-1 through TP-6 were below the NCDEHNR action level), it is concluded that the majority of petroleum impacted soils were removed from the tank pit during excavation activities. Therefore, no further action is recommended at this site.

Should you have any questions or comments about the Archdale Road site, please contact me at (919) 467-2227.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.



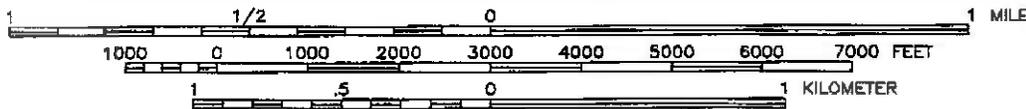
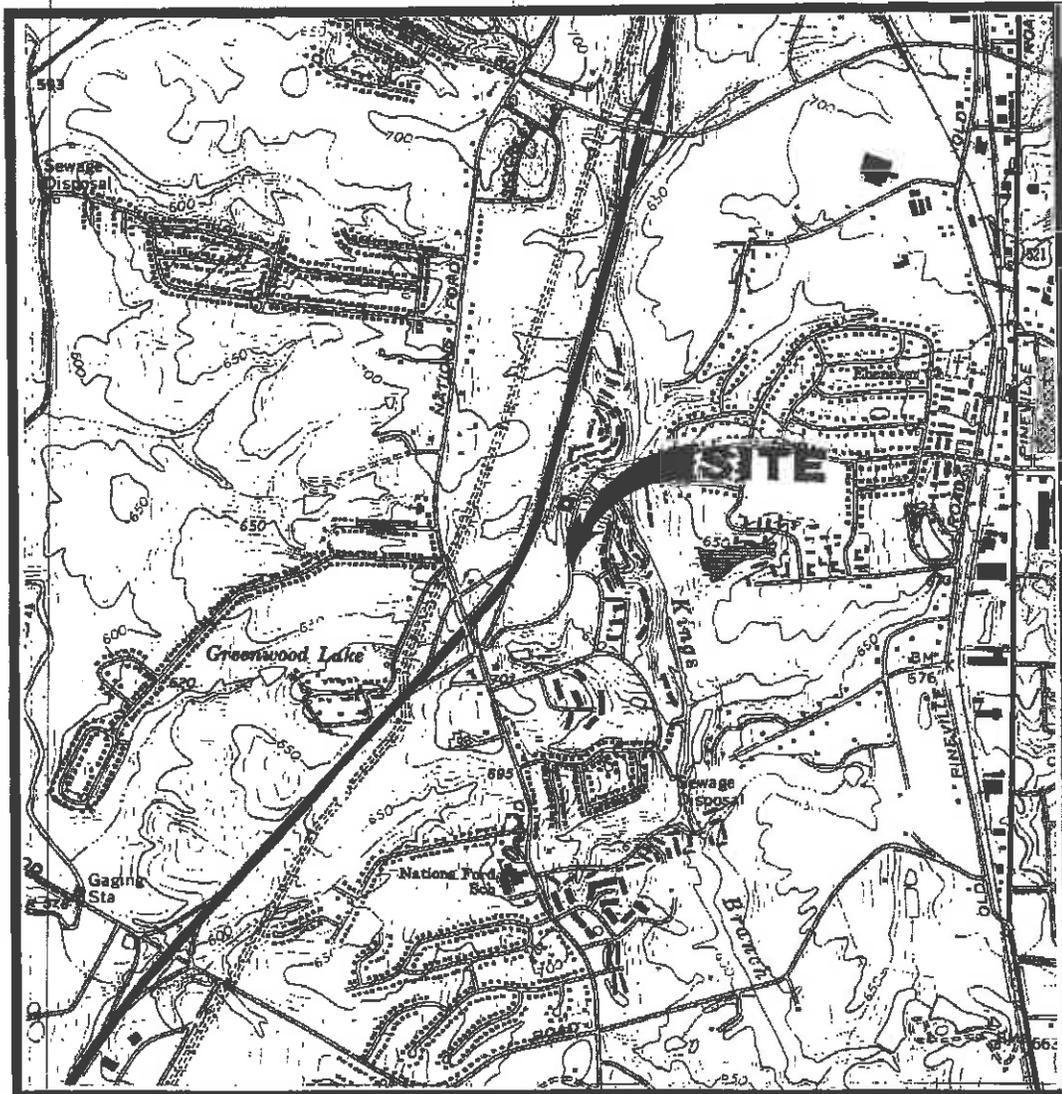
Don Turlington
Geologist
Project Manager

Attachments: Attachment A - Figures
Attachment B - Photographs
Attachment C - Certificate of Disposal
GW/UST-2
GW/UST-3
Attachment D - Analytical Results

cc: Karen Price, The Southland Corporation
Beau Hodge, GTI
Project File

ATTACHMENT A

FIGURES



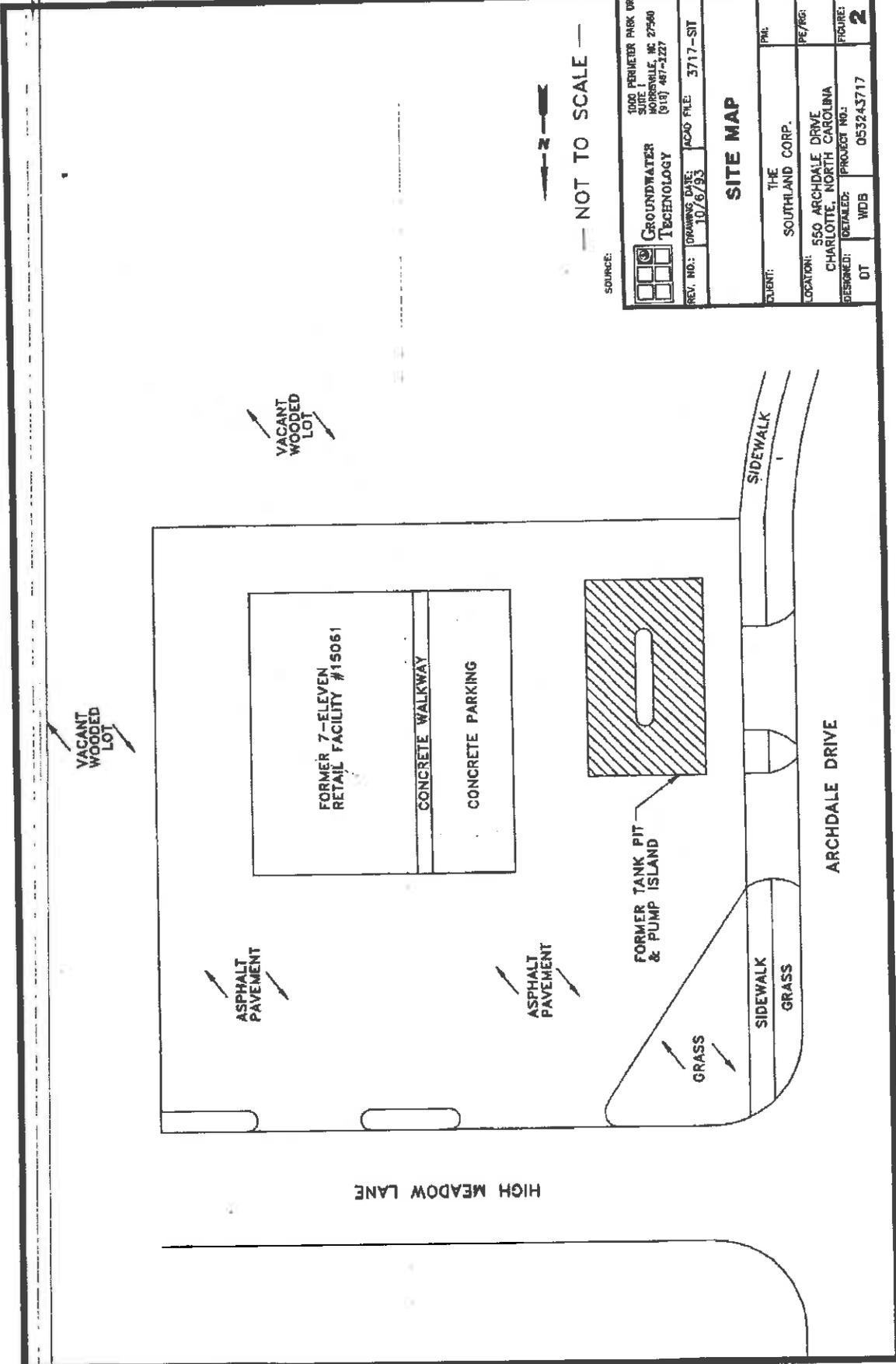
QUADRANGLE LOCATION

CHARLOTTE, NC
 7.5' QUADRANGLE
 N3507.5-W8052/7.5
 1968

FIGURE 1
SITE LOCATION MAP
SOUTHLAND CORP.
 550 ARCHDALE DRIVE
 CHARLOTTE, NORTH CAROLINA
 053243717



**GROUNDWATER
 TECHNOLOGY, INC.**



SOURCE:

3000 PERIMETER PARK DR
 WARRISVILLE, NC 27560
 (919) 487-1227

GROUNDWATER TECHNOLOGY

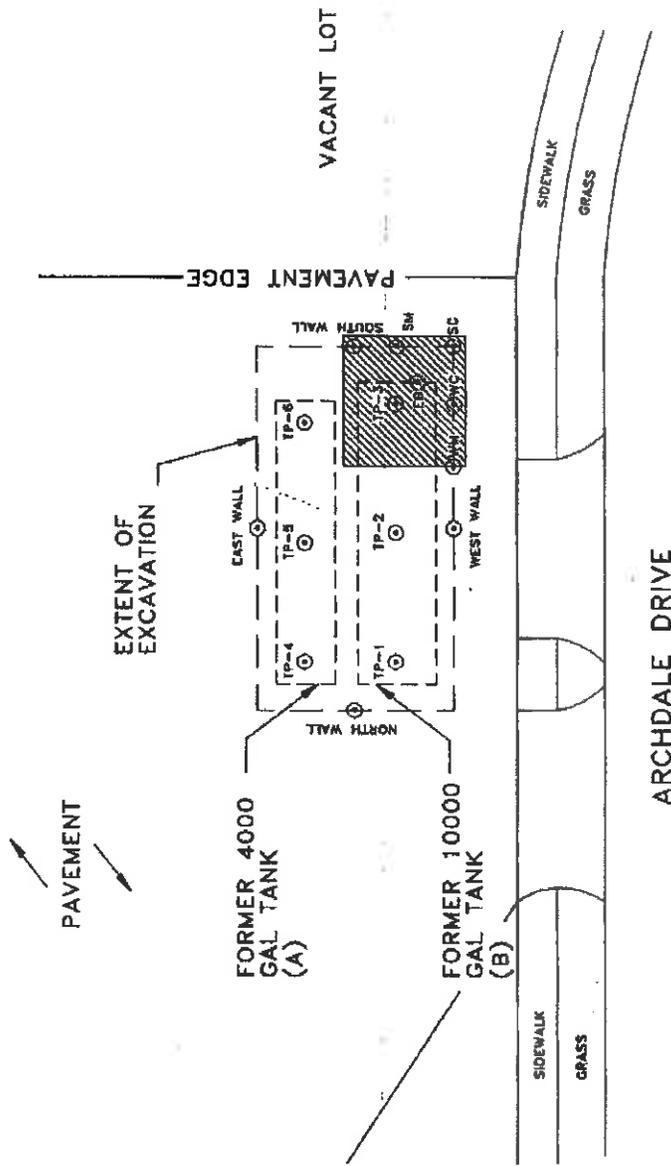
REV. NO.: DRAWING DATE: 10/6/93 ACAD FILE: 3717-SIT

SITE MAP

CLIENT:	THE SOUTHLAND CORP.	PH:	
LOCATION:	550 ARCHDALE DRIVE CHARLOTTE, NORTH CAROLINA	PE/PG:	
DESIGNED:	DT	WDB	PROJECT NO.: 053243717
FIGURE:			2

LEGEND

- ⊙ SOIL SAMPLE LOCATION
- ▨ AREA OF ADDITIONAL SOIL EXCAVATION



SOURCE:

1000 PERIMETER PARK DR
SUITE 1
ROCKSVILLE, NC 27560
(919) 467-2227

GROUNDWATER TECHNOLOGY

REV. NO.: DRAWING DATE: 10/6/93 ACAD FILE: 3717-SSL

SOIL SAMPLE LOCATIONS AND EXTENT OF EXCAVATION	
CLIENT:	THE SOUTHLAND CORP.
LOCATION:	550 ARCHDALE DRIVE CHARLOTTE, NORTH CAROLINA
DESIGNED BY:	DT
DETAILED BY:	WDB
PROJECT NO.:	05324-1717
FIGURE:	3

ATTACHMENT B
PHOTOGRAPHS



PHOTOGRAPH #1
SOUTH VIEW OF UST EXCAVATION

THE SOUTHLAND CORPORATION
FORMER 7-ELEVEN FACILITY #15061
550 ARCHDALE DRIVE
CHARLOTTE, NORTH CAROLINA



GROUNDWATER
TECHNOLOGY, INC.

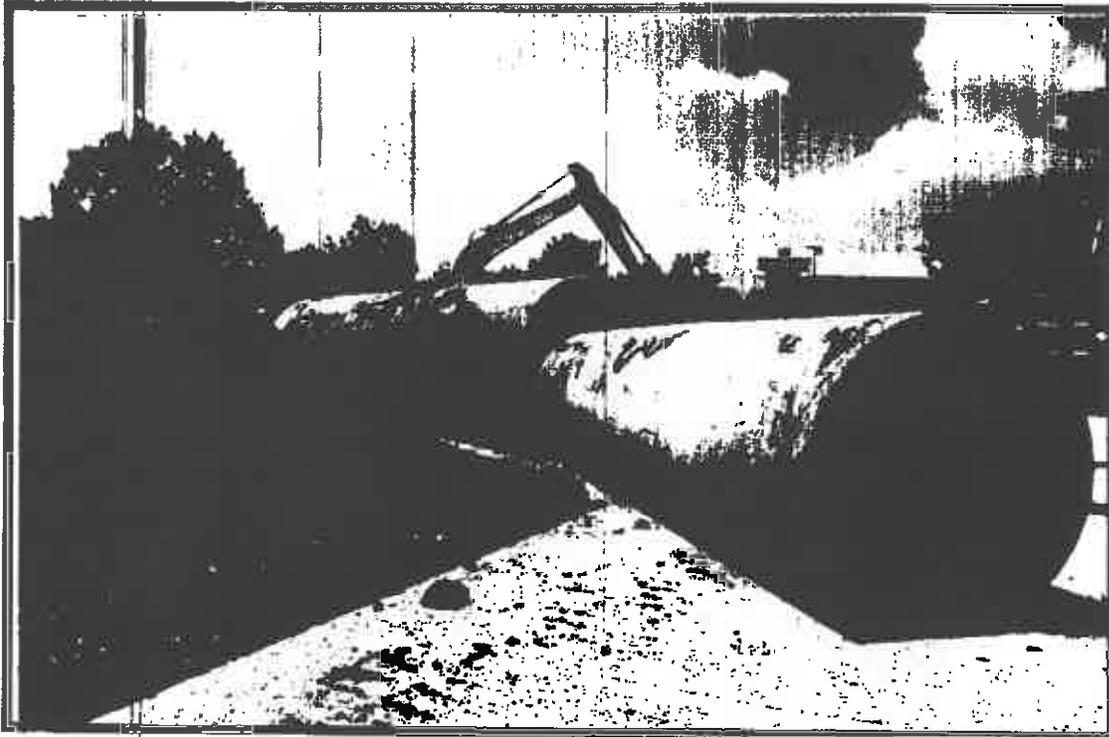


PHOTOGRAPH #2
NORTH VIEW OF UST EXCAVATION

THE SOUTHLAND CORPORATION
FORMER 7-ELEVEN FACILITY #15061
550 ARCHDALE DRIVE
CHARLOTTE, NORTH CAROLINA



**GROUNDWATER
TECHNOLOGY, INC.**



PHOTOGRAPH #3
UST'S PRIOR TO LOADING AND REMOVAL FROM SITE

THE SOUTHLAND CORPORATION
FORMER 7-ELEVEN FACILITY #15061
550 ARCHDALE DRIVE
CHARLOTTE, NORTH CAROLINA



**GROUNDWATER
TECHNOLOGY, INC.**



PHOTOGRAPH #4
UST B (10,000 GAL.) SHOWING MANUFACTURER
(BUFFALO) AND STAINED AREAS ALONG THE
TOP AND SIDE OF THE TANK

THE SOUTHLAND CORPORATION
FORMER 7-ELEVEN FACILITY #15061
550 ARCHDALE DRIVE
CHARLOTTE, NORTH CAROLINA

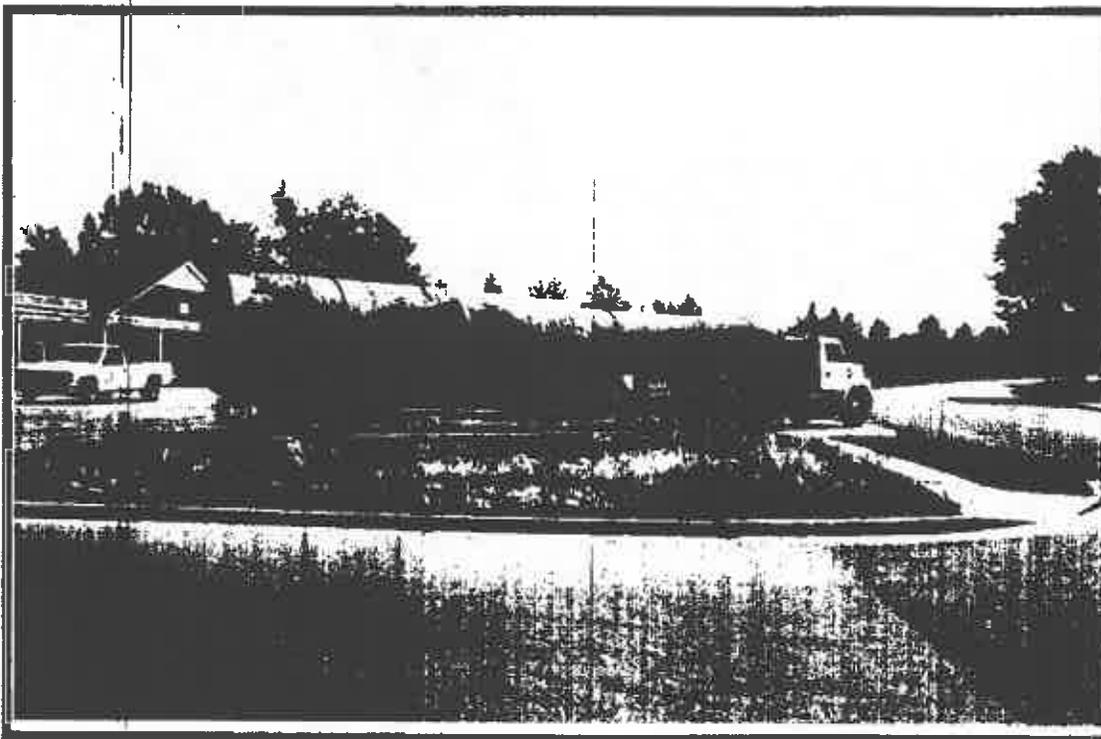


GROUNDWATER
TECHNOLOGY, INC.



PHOTOGRAPH #5

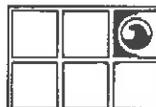
UST'S BEING LOADED FOR TRANSPORT TO SOUTHERN TANK & ENVIRONMENTAL, INC. FOR DISPOSAL



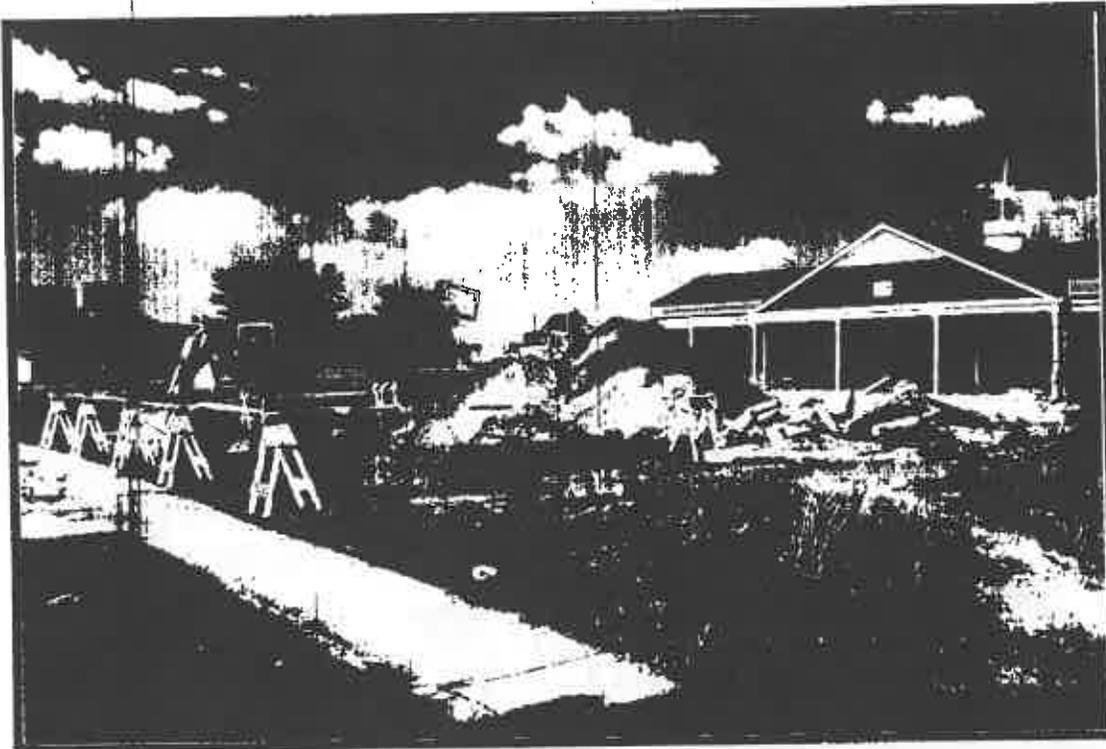
PHOTOGRAPH #6

UST'S LOADED AND DEPARTING SITE

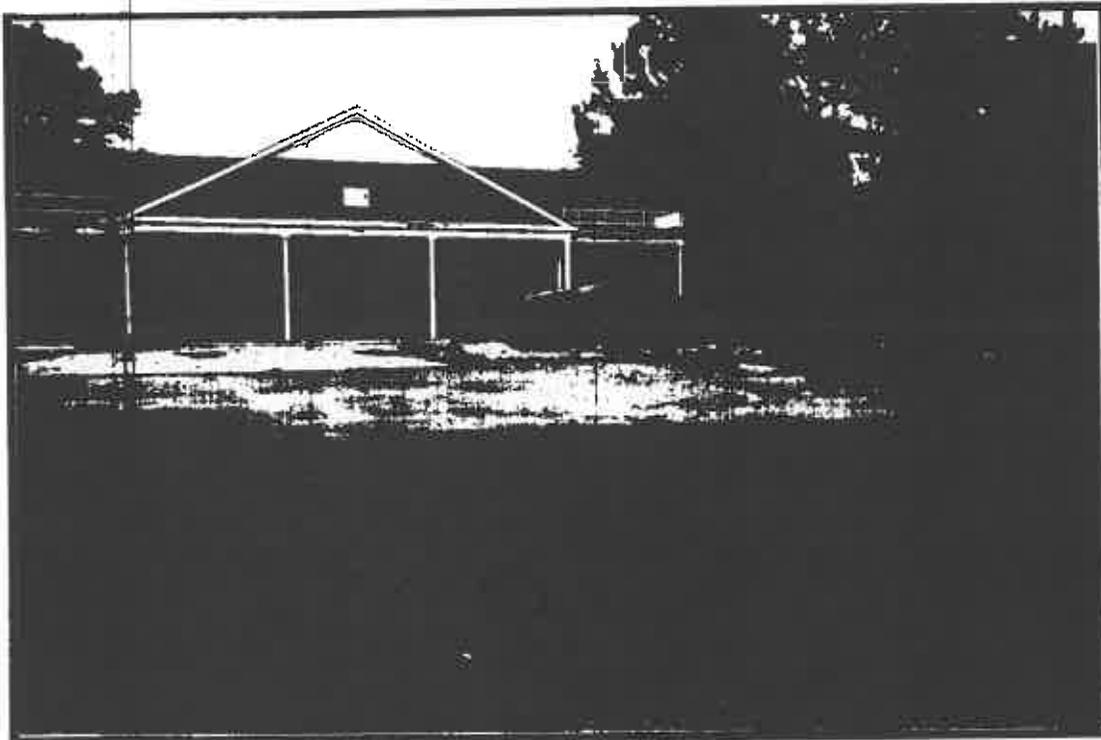
THE SOUTHLAND CORPORATION
FORMER 7-ELEVEN FACILITY #15061
550 ARCHDALE DRIVE
CHARLOTTE, NORTH CAROLINA



GROUNDWATER
TECHNOLOGY, INC.

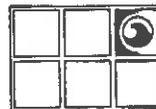


PHOTOGRAPH #7
NORTHEAST VIEW OF SITE PRIOR TO CLOSING EXCAVATION



PHOTOGRAPH #8
EAST VIEW OF SITE AFTER REPAVING UST EXCAVATION

THE SOUTHLAND CORPORATION
FORMER 7-ELEVEN FACILITY #15061
550 ARCHDALE DRIVE
CHARLOTTE, NORTH CAROLINA



GROUNDWATER
TECHNOLOGY, INC.

ATTACHMENT C
CERTIFICATE OF DISPOSAL
GW/UST-2
GW/UST-3

(GWUST-3) Notice of Intent: UST Permanent Closure or Change in Service

FOR TANKS IN NC Return Completed Form To: The appropriate DEM Regional Office according to the county of the facility's location. (SEE REVERSE SIDE OF OWNER'S COPY (PINK) FOR REGIONAL OFFICE ADDRESS).

State Use Only
 L. D. Number *411113*
 Date Received *June 6, 1993*

INSTRUCTIONS
 Complete and return thirty (30) days prior to closure or change-in-service.

I. OWNERSHIP OF TANK(S)

Tank Owner Name: THE SOUTHWEST CORPORATION
 Street Address: 2711 N. HASKEN AVENUE
 County: DAWAS
 City: DAWAS State: TX Zip Code: 75221
 Tele. No. (Area Code): 214 841 6580

LOCATION OF TANK(S)
 Facility Name or Company: FORMER 7-ELEVEN FACILITY
 Facility ID # (if available): 15061
 Street Address or State Road: 550 ARCHDALE DRIVE
 County: MECKLENBURG City: CINCINNATI Zip Code: 28217
 Tele. No. (Area Code): _____

II. CONTACT PERSON

Name: DON TURLINGTON Job Title: GEOLOGIST Telephone Number: (919) 467-2227

III. TANK REMOVAL, CLOSURE, IN-PLACE, CHANGE IN SERVICE

- Contact Local Fire Marshal.
- Plan the entire closure event.
- Conduct Site Soil Assessments.
- If Removing Tanks or Closing In Place refer to API Publications, 2015 "Cleaning Petroleum Storage Tanks" & 1604 "Removal & Disposal of Used Underground Petroleum Storage Tanks".
- Provide a sketch locating piping, tanks and soil sampling locations.
- Fill out form GWUST-2 "Site Investigation Report for Permanent Closure" and return within 30 days following the site investigation.
- Keep records for 3 years.

IV. WORK TO BE PERFORMED BY:

(Contractor) Name: PETROLEUM EQUIPMENT AND SERVICE, INC.
 Address: 3810 STATESVILLE AVENUE State: CHARLOTTE, N.C. Zip Code: 28221
 Contact: RON DULIN Phone: 704 335 8801

V. TANK(S) SCHEDULED FOR CLOSURE OR CHANGE IN SERVICE

TANK ID#	TANK CAPACITY	LAST CONTENTS	PROPOSED ACTIVITY		
			CLOSURE		CHANGE-IN-SERVICE
			Removal	Abandonment In Place	New Contents Stored
	<u>4000</u>	<u>GASOLINE "UNGUARDED REMAIN"</u>	<input type="checkbox"/>	<input type="checkbox"/>	
	<u>10,000</u>	<u>GASOLINE "UNGUARDED REMAIN"</u>	<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	

VI. OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

Print name and official title: DON TURLINGTON
 Signature: Don Turlington
 "Scheduled Removal Date: 7-21-93
 Date Submitted: 6-21-93

*If scheduled work date changes, notify your appropriate DEM Regional Office 48 hours prior to originally scheduled date.

(GW/UST-2)

Site Investigation Report For Permanent Closure or Change-in-Service of U.S.T.

FOR TANKS IN NC

Return Completed Form To: The appropriate DEM Regional Office according to the county of the facility's location. [SEE MAP ON REVERSE SIDE OF OWNER'S COPY (PINK) FOR REGIONAL OFFICE ADDRESS].

State Use Only I.D. Number Date Received

INSTRUCTIONS

Complete and return within (30) days following completion of site investigation.

I. Ownership of Tank(s)

II. Location of Tank(s)

Owner Name: THE SOUTHLAND CORPORATION
2711 NORTH HASKELL AVENUE
DALLAS
DALLAS TEXAS 75221
City: DALLAS State: TEXAS Zip Code: 75221
Area Code: 214 Telephone Number: 828-5586

Facility Name or Company: FORMER 7-ELEVEN
Facility ID #: 15061
Street Address or State Road: 550 ARCADALE DRIVE
MECKLENBURG, CHARLOTTE, NC
County: MECKLENBURG City: CHARLOTTE Zip Code:
Area Code: Telephone Number:

III. Contact Person

Name: MS. KAREN PRKE Job Title: ENVIRONMENTAL COORDINATOR Telephone No. (Area Code): (214) 828 5586
Closure Contractor (Name): GROUNDWATER TECHNOLOGY, 100 RENOIR PARK DR., HARRISVILLE, NC (199) 467-2227
Lab (Name): SPL ENVIRONMENTAL LAB, SCOTT, LOUISIANA Telephone No. (Area Code): (318) 237-4775

IV. U.S.T. Information

V. Excavation Condition

VI. Additional Information Required

Table with columns: Tank No., Size in Gallons, Tank Dimensions, Last Contents, Water in Excavation (Yes/No), Free Product (Yes/No), Notice Obs or Visible Soil Contamination (Yes/No). Rows 1 and 2 contain data for unleaded gasoline tanks.

See reverse side of pink copy (owner's copy) for additional information required by N.C. - DEM in the written report and sketch.

VII. Check List

Check the activities completed.

- Checklist items: Contact local fire marshal, Notify DEM Regional Office before abandonment, Drain & flush piping into tank, Remove all product and residuals from tank, Excavate down to tank, Clean and inspect tank, Remove drop tube, fill pipe, gauge pipe, vapor recovery tank connections, submersible pumps and other tank fixtures, Cap or plug all lines except the vent and fill lines, Purge tank of all product & flammable vapors, Cut one or more large holes in the tanks, Backfill the area. Date Tank(s) Permanently closed: 7/27/93

- ABANDONMENT IN PLACE: Fill tank until material overflows tank opening; Plug or cap all openings; Disconnect and cap or remove vent line; Solid inert material used - specify;

- REMOVAL: Create vent hole; Label tank; Dispose of tank in approved manner; Final tank destination:

SOUTHERN TANK & ENVIRONMENTAL, INC.

VIII. Certification (Read and Sign)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Print name and official title of owner or owner's authorized representative: DON TURLINGTON / GEOLOGIST / GTI-NC
Signature: Don Turlington
Date Signed: 8-25-93

RECEIVED JUL 25 1993

SOUTHERN TANK & ENVIRONMENTAL, INC.

Don

CERTIFICATE OF DISPOSAL

FEDERAL/CERTIFICATE # 56-1669418/9554

DATE 7/21/93

CONTRACTOR

LOCATION

Petroleum Equipment & Service

Circle K

P.O. Box 26095

550 Archdale Rd.

Charlotte, N.C. 28221

TYPE OF TANK

SIZE

CONTENT IN GAL.

TANK ID# -

UST 10,000 gallon

8' x 26'8"

Less than 1%

STDS-2382

UST 4,000 gallon

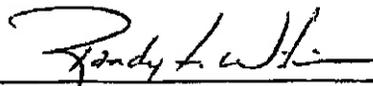
64" x 24'

Less than 1%

STDS-2383

Southern Tank & Environmental, Inc. certifies that the above mentioned tanks have been properly disposed of at 319 Lawyers Rd., Indian Trail, NC, and the contents and sludges processed in full compliance with Local, State and Federal regulations.

Southern Tank & Environmental, Inc.



Randy L. Williams

ATTACHMENT D
ANALYTICAL RESULTS



RECEIVED JUL 29 1993

LAFAYETTE AREA LAB
500 AMBASSADOR CAFFERY PKWY.
SCOTT, LOUISIANA
ZIP 70583-8544
PHONE: (318) 237-4775

LABORATORY REPORT

PREPARED FOR:

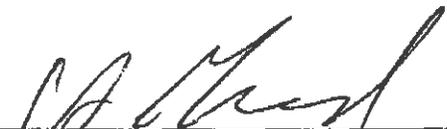
Groundwater Technology, Inc.
1000 Perimeter Park Drive
Suite I
Morrisville, NC 27560
Attn: Don Turlington

Project I.D.: 053243717
Store No.: 15061
SPL Work Order No.: 9307534
Date Samples Received: 7-21-93

Analysis results are presented within for seven (7) soil samples received on the date indicated. The chain of custody record received with the sample(s) is also enclosed.

Results were telecopied to 919-467-2299 on 7-22-93

If you have any questions regarding these samples, please contact the undersigned at (318) 237-4775


C.A. GUARDIA, Laboratory Manager



LAFAYETTE AREA LAB
 500 AMBASSADOR CAFFERY PKWY.
 SCOTT, LOUISIANA
 ZIP 70583-8544
 PHONE: (318) 237-4775

SPL WO No.: 9307534
 Date Received: 7-21-93
 Date Reported: 7-22-93
 Sampled by: Groundwater Technology, Inc.
 Project I.D.: 053243717
 Page 1 of 2

Project: The Southland Corporation
 Store No.: 15061
 Address: 550 Archdale Drive
 Charlotte, NC
 Sampler(s): Don Turfington

SOIL ANALYTICAL RESULTS

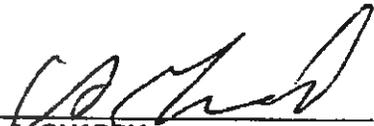
Sample Identification:	TP-1	TP-2	TP-3	TP-4	TP-5
SPL Identification:	9307534-01	9307534-02	9307534-03	9307534-04	9307534-05
Date Sampled:	7-20-93,15:00	7-20-93,15:15	7-20-93,15:30	7-20-93,15:45	7-20-93,16:00
Total Petroleum Hydrocarbons as Gasoline in Soil by CAL DHS					
Parameter	QL, mg/kg	CONCENTRATION, mg/kg			
TPH	0.1	0.1	ND	ND	ND
QL Multiplier*		1	1	1	1
Date Analyzed:		7-21-93	7-21-93	7-21-93	7-21-93
Analyzed by:		M. Bergeron	M. Bergeron	M. Bergeron	M. Bergeron

ND = Not Detected

QL = Quantitation Limit

* Number by which to multiply QL to determine sample specific limit of detection

CAL DHS = California Department of Health Services, Leaking Underground Fuel Tank Manual, December 1987


 C. A. GUARDIA
 Laboratory Manager



LAFAYETTE AREA LAB
 500 AMBASSADOR CAFFERY PKWY.
 SCOTT, LOUISIANA
 ZIP 70583-8544
 PHONE: (318) 237-4775

SPL WO No.: 9307534
 Date Received: 7-21-93
 Date Reported: 7-22-93
 Sampled by: Groundwater Technology, Inc.
 Project I.D.: 053243717

Project: The Southland Corporation
 Store No.: 15061
 Address: 550 Archdale Drive
 Charlotte, NC
 Sampler(s): Don Turlington

Page 2 of 2

SOIL ANALYTICAL RESULTS

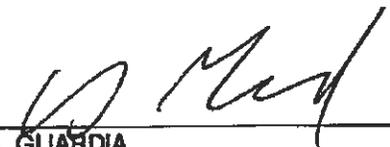
Sample Identification:	TP-6	CS-1		
SPL Identification:	9307534-06	9307534-07		
Date Sampled:	7-20-93,16:15	7-20-93,17:10		
Total Petroleum Hydrocarbons as Gasoline in Soil by CAL DHS				
Parameter	QL mg/kg	CONCENTRATION, mg/kg		
TPH	0.1	0.1	0.5	
QL Multiplier*		1	1	
Date Analyzed:		7-21-93	7-21-93	
Analyzed by:		M. Bergeron	M. Bergeron	

ND = Not Detected

QL = Quantitation Limit

* Number by which to multiply QL to determine sample specific limit of detection

CAL DHS = California Department of Health Services, Leaking Underground Fuel Tank Manual, December 1987


 C. A. GUARDIA
 Laboratory Manager



LAFAYETTE AREA LAB
500 AMBASSADOR CAFFERY PKWY.
SCOTT, LOUISIANA
ZIP 70583-8544
PHONE: (318) 237-4775

**** SPL QUALITY CONTROL REPORT ****

Matrix: Soil

Reported on: 07/23/93

Analyzed on: 07/21/93

Analyst: MB

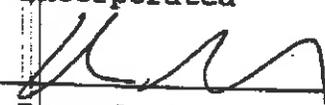
This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

**Total Petroleum Hydrocarbons
Method - Mod. CA DHS Purgeables/Gasoline**

SPL Sample ID Number	Blank Value mg/Kg	Amt Added mg/Kg	Matrix Spike Recovery %	Matrix Spike Duplicate Recovery %	Relative Percent Difference %
9307461-02A	ND	5.0	88	86	2.3

FIDB930721092300-072193V

SPL, Incorporated


John Durand, Corporate QC Officer

1307534

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

3575

ANALYSIS REQUEST

OTHER

<input type="checkbox"/>	BTX/Gas Hydrocarbons PID/FID <input checked="" type="checkbox"/> with MTBE <input type="checkbox"/>
<input type="checkbox"/>	BTX 602 <input type="checkbox"/> 8020 <input type="checkbox"/> with MTBE <input type="checkbox"/>
<input checked="" type="checkbox"/>	Hydrocarbons GC/FID Gas <input checked="" type="checkbox"/> Screen <input type="checkbox"/> MDSG
<input type="checkbox"/>	Hydrocarbon Profile (SIMDIS) <input type="checkbox"/>
<input type="checkbox"/>	Oil and Grease 413.1 <input type="checkbox"/> 413.2 <input type="checkbox"/> SM-503 <input type="checkbox"/>
<input type="checkbox"/>	TPH/IR 418.1 <input type="checkbox"/> SM 503 <input type="checkbox"/>
<input type="checkbox"/>	EDB by 504 <input type="checkbox"/> DBCP by 504 <input type="checkbox"/>
<input type="checkbox"/>	EPA 503.1 <input type="checkbox"/> EPA 502.2 <input type="checkbox"/>
<input type="checkbox"/>	EPA 801 <input type="checkbox"/> EPA 8010 <input type="checkbox"/>
<input type="checkbox"/>	EPA 802 <input type="checkbox"/> EPA 8020 <input type="checkbox"/>
<input type="checkbox"/>	EPA 808 <input type="checkbox"/> 8080 <input type="checkbox"/> PCB only <input type="checkbox"/>
<input type="checkbox"/>	EPA 824/PPL <input type="checkbox"/> 8240/TAL <input type="checkbox"/> NBS (+15) <input type="checkbox"/>
<input type="checkbox"/>	EPA 825/PPL <input type="checkbox"/> 8270/TAL <input type="checkbox"/> NBS (+25) <input type="checkbox"/>
<input type="checkbox"/>	EPA 610 <input type="checkbox"/> 8310 <input type="checkbox"/>
<input type="checkbox"/>	EP TOX Metals <input type="checkbox"/> Pesticides <input type="checkbox"/> Herbicides <input type="checkbox"/>
<input checked="" type="checkbox"/>	TCLP Metals <input checked="" type="checkbox"/> VOA <input type="checkbox"/> Semi-VOA <input type="checkbox"/> Pest <input type="checkbox"/> Herb <input type="checkbox"/>
<input type="checkbox"/>	EPA Metals - Priority Pollutant <input type="checkbox"/> TAL <input type="checkbox"/> RCRA <input type="checkbox"/>
<input type="checkbox"/>	CAM Metals TLLC <input type="checkbox"/> STLC <input type="checkbox"/>
<input type="checkbox"/>	Lead 239.2 <input type="checkbox"/> 200.7 <input type="checkbox"/> 7420 <input type="checkbox"/> 7421 <input type="checkbox"/> 6010 <input type="checkbox"/>
<input type="checkbox"/>	Organic Lead <input type="checkbox"/>
<input checked="" type="checkbox"/>	Corrosivity <input checked="" type="checkbox"/> Flash Point <input checked="" type="checkbox"/> Reactivity <input checked="" type="checkbox"/>

RUSH

Cancel all analysis on CS-1 except MADSG as per Lab on 7/21/93. *Don Turington*

Work Order #:

Received by: *FED EX*

Received by:

Received by: *Don Turington*

SPECIAL DETECTION LIMITS (Specify)

SPECIAL REPORTING REQUIREMENTS (Specify)

FAX

Special Handling

Contact _____
 Quote/Contract # _____
 Confirmation # _____
 P.O. # _____

QA/QC Level

Blue CLP Other

Relinquished by: *Don Turington*

Relinquished by:

Relinquished by:

CUSTODY RECORD

Date: 7/20/93 Time: 8:30

Date: Time:

Date: 7/21/93 Time: 10:55

Environmental Coordinator

THE SOUTHLAND CORPORATION

Company Name: *Geosynthetic Technology*
 Address: *Morrisville, N.C.*
 Store #: *15061*
 Phone #: *919 467 2227*
 FAX #: *919 467 2299*
 Site location: *City state CHARLOTTE N.C.*

Client Project ID#

05324 3717

Sampler Name (Print):

Don Turington

I attest that the proper field sampling procedures were used during the collection of these samples.

Field Sample ID	Lab # (Lab use only)	# CONTAINERS	Matrix			Method Preserved				Sampling				
			WATER	SOIL	AIR	SLUDGE	PRODUCT	HCl	HNO ₃	H ₂ O ₂	ICE	UNREF. SERVED	OTHER (Specify)	DATE
<i>TP-1</i>		<i>2</i>	<input checked="" type="checkbox"/>										<i>7/20/93</i>	<i>1500</i>
<i>TP-2</i>		<i>2</i>	<input checked="" type="checkbox"/>										<i>7/20/93</i>	<i>1515</i>
<i>TP-3</i>		<i>2</i>	<input checked="" type="checkbox"/>										<i>7/20/93</i>	<i>1530</i>
<i>TP-4</i>		<i>2</i>	<input checked="" type="checkbox"/>										<i>7/20/93</i>	<i>1545</i>
<i>TP-5</i>		<i>2</i>	<input checked="" type="checkbox"/>										<i>7/20/93</i>	<i>1600</i>
<i>TP-6</i>		<i>2</i>	<input checked="" type="checkbox"/>										<i>7/20/93</i>	<i>1615</i>
<i>CS-1</i>		<i>2</i>	<input checked="" type="checkbox"/>										<i>7/20/93</i>	<i>1700</i>

CUSTODY RECORD



RECEIVED AUG 23 1993

LAFAYETTE AREA LAB
500 AMBASSADOR CAFFERY PKWY
SCOTT, LOUISIANA
ZIP 70583-8644
PHONE: (318) 237-4775

LABORATORY REPORT

PREPARED FOR:

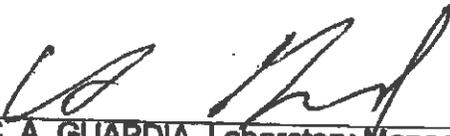
**Groundwater Technology, Inc.
1000 Perimeter Park Drive
Suite I
Morrisville, NC 27560
Attn: Don Turlington**

**Project I.D.: Not given
Store No.: 15061
SPL Work Order No.: 9308063
Date Samples Received: 8-3-93**

Analysis results are presented within for one (1) soil sample received on the date indicated. The chain of custody record received with the sample(s) is also enclosed.

Results were telecopied to 919-467-2299 on 8-16-93

If you have any questions regarding these samples, please contact the undersigned at (318) 237-4775



C. A. GUARDIA, Laboratory Manager



SPL WO No.: 9308063
Date Received: 8-3-93
Date Reported: 8-16-93
Sampled by: Groundwater Technology, Inc.
Project I.D.: Not given

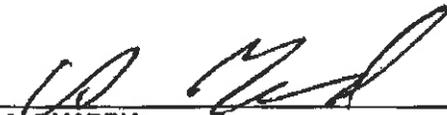
Project: The Southland Corporation
Store No.: 15061
Address: 550 Archdale Drive
Charlotte, NC
Sampler(s): Randy Jarosik

SOIL ANALYTICAL RESULTS

Sample Identification:		CS-2			
SPL Identification:		9308063-01			
Date Sampled:		7-27-93, 07:45			
CORROSIVITY					
Parameter		SW846 Method 9045, RESULT, at units			
pH		5.9			
Date/Time Analyzed:		8-9-93/12:35			
Analyzed by:		K. Johnson			
REACTIVE CYANIDE (SW846 Method 7.3.3.2)					
Parameter	QL mg/kg	RELEASABLE CONCENTRATION, mg/kg			
CYANIDE	1.0	ND			
Date/Time Analyzed:		8-9-93/13:00			
Analyzed by:		E. Hemphill			
REACTIVE SULFIDE (SW846 Method 7.3.4.2)					
Parameter	QL mg/kg	RELEASABLE CONCENTRATION, mg/kg			
SULFIDE	0.8	72.0			
Date/Time Analyzed:		8-6-93/15:30			
Analyzed by:		E. Hemphill			
IGNITABILITY (SW846 Method 1010)					
Parameter		R E S U L T Degrees F. (Regulatory Level = 140 Degrees F.)			
Flash Point		> 150			
Date/Time Analyzed:		8-4-93/14:31			
Analyzed by:		H. Williams			
TOTAL ORGANIC HALIDES (SW846 Modified Method 9020)					
PARAMETER	QL ppm	CONCENTRATION, ppm			
TOX		ND			
Date/Time Analyzed:		8-9-93			
Analyzed by:		YN(1040)			

SW846 = Test Methods for Evaluating Solid Waste, SW846, Third Edition, Nov 1986

ND = Not Detected
QL = Quantitation Limit


C. A. GUARDIA
Laboratory Manager



LAFAYETTE AREA LAB
500 AMBASSADOR CAFFERY PKWY.
SCOTT, LOUISIANA
ZIP 70583-8544
PHONE: (318) 237-4775

SPL WO No.: 9308063
Date Received: 8-3-93
Date Reported: 8-16-93
Sampled by: Groundwater Technology, Inc.
Project I.D.: Not given

Project: The Southland Corporation
Store No.: 15061
Address: 550 Archdale Drive
Charlotte, NC
Sampler(s): Randy Jarosik

**SOIL
TCLP METALS**

Sample Identification:	CS-2			
SPL Identification:	9308063-01			
Date Sampled:	7-27-93, 07:45			
ARSENIC (SW846 Method 1311/7060)				
Detection Limit	0.001	CONCENTRATION mg/l		
Reg. Limit	5.0	0.002		
Date/Time Analyzed:	8-5-93/21:15			
Analyzed by:	M. Charpentier			
BARIUM (SW846 Method 1311/7080)				
Detection Limit	0.10	CONCENTRATION mg/l		
Reg. Limit	100.0	0.2		
Date/Time Analyzed:	8-9-93/9:45			
Analyzed by:	P. Boudreaux			
CADMIUM (SW846 Method 1311/7130)				
Detection Limit	0.005	CONCENTRATION mg/l		
Reg. Limit	1.0	0.078		
Date/Time Analyzed:	8-6-93/15:00			
Analyzed by:	P. Boudreaux			
CHROMIUM (SW846 Method 1311/7190)				
Detection Limit	0.05	CONCENTRATION mg/l		
Reg. Limit	5.0	ND		
Date/Time Analyzed:	8-6-93/14:00			
Analyzed by:	P. Boudreaux			
LEAD (SW846 Method 1311/7420)				
Detection Limit	0.1	CONCENTRATION mg/l		
Reg. Limit	5.0	ND		
Date/Time Analyzed:	8-6-93/16:00			
Analyzed by:	P. Boudreaux			
MERCURY (SW846 Method 1311/7470)				
Detection Limit	0.0002	CONCENTRATION mg/l		
Reg. Limit	0.2	ND		
Date/Time Analyzed:	8-10-93/16:00			
Analyzed by:	G. Stahlhuth			
SELENIUM (SW846 Method 1311/7740)				
Detection Limit	0.002	CONCENTRATION mg/l		
Reg. Limit	1.0	0.004		
Date/Time Analyzed:	8-5-93/22:45			
Analyzed by:	M. Charpentier			
SILVER (SW846 Method 1311/7780)				
Detection Limit	0.01	CONCENTRATION mg/l		
Reg. Limit	5.0	0.01		
Date/Time Analyzed:	8-6-93/13:30			
Analyzed by:	P. Boudreaux			

SW846 = Test Methods for Evaluating Solid Waste, SW846, 3rd Edition, Nov. 1986 ND = Not Detected

C.A. GUARDIA, Laboratory Manager



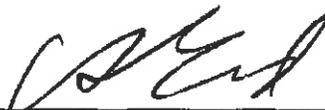
SPL WO No.: 9308063
 Date Received: 8-3-93
 Date Reported: 8-16-93
 Sampled by: Groundwater Technology, Inc.
 Project I.D.: Not given

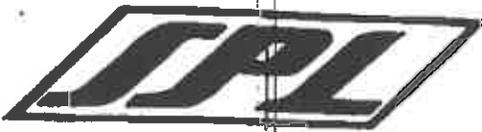
Project: The Southland Corporation
 Store No.: 15061
 Address: 550 Archdale Drive
Charlotte, NC
 Sampler(s): Randy Jarosik

**SOIL
 ANALYTICAL RESULTS**

Sample Identification:	CS-2			
SPL Identification:	9308063-01			
Date Sampled:	7-27-93,07:45			
Aromatic Volatile Organics in Soil (SW846 Method 8020)				
Analyte	QL ug/kg	CONCENTRATION, ug/kg		
Benzene	10	ND		
Toluene	10	ND		
Ethyl Benzene	10	ND		
Xylenes (Total)	10	4		
BTEX (Total)	10	4		
QL Multiplier*:		1		
Date Analyzed:		8-4-93		
Analyzed by:		R. Boger		
Total Petroleum Hydrocarbons as Gasoline in Soil by CAL DHS				
Parameter	QL mg/kg	CONCENTRATION, mg/kg		
TPH	0.1	5.5		
QL Multiplier*:		1		
Date Analyzed:		8-4-93/9:41		
Analyzed by:		R. Boger		

* Number by which to multiply QL to determine sample specific limit of detection ND = Not Detected
 SW846 = Test Methods for Evaluating Solid Waste, SW846, Third Edition, Nov 1986 QL = Quantitation Limit
 CAL DHS = California Department of Health Services, Leaking Underground Fuel Tank Manual, December 1987


 C. A. GUARDIA
 Laboratory Manager



** SPL QUALITY CONTROL SUMMARY **

Matrix: Soil
Sample ID: 9308084-05A
Batch ID: PNN930804094102

Reported on: 08/16/93 09:09:41
Analyzed on: 08/04/93 09:41:02
Analyst: RB

This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

Method 5030/8020
BTEX-Soil

COMPOUND	Sample Value µg/Kg	Spike Added µg/Kg	MS % Recovery #	MSD % Recovery #	Relative % Difference #
BENZENE	ND	50	98	95	3
TOLUENE	ND	50	95	93	2
ETHYL_BENZENE	ND	50	93	92	1
O XYLENE	1	50	95	93	2
M AND P XYLENE	1	100	92	91	1

NOTES

column to be used to flag recovery and RPD values with an asterisk
* values outside of QC Limits.


John Durand, Corporate QC Officer



SPL Blank QC Report

Matrix: Water
Sample ID: BLANK
Batch: HPNN930804094102

Reported on: 08/16/93 08:20
Analyzed on: 08/04/93 09:41
Analyst: RB

BTEX-Soil

Compound	Result	Detection Limit	Units
BENZENE	ND	1	µg/Kg
TOLUENE	ND	1	µg/Kg
ETHYL BENZENE	ND	1	µg/Kg
O XYLENE	ND	1	µg/Kg
M AND P XYLENE	ND	1	µg/Kg

Surrogate	Result	QC Criteria	Units
4, BROMOFLUOROBENZENE	99	75-128	% Recovery

Samples in Batch 9308063-01

Notes

ND - Not detected.



John Durand, Corporate QC Officer

INSTRUMENT: A
MATRIX: Soil

ANALYST: Y-N
UNITS: PPM

DATE: 8-9-93
DETECTION LIMIT: 1PPM

STANDARD	CONC. KNOWN	CONC. FOUND	% RECOVERY	QA/QC LIMITS	
				UPPER	LOWER
NITRATE BLANK	N/A		N/A		N/A
INTEGRITY	0.0/000	0.0/025	102.5	103 %	97 %
INTEGRITY DUP	0.0/000	0.0/025	102.5	103 %	97 %
ETHYL ACETATE	N/A	ND	N/A		
SET POINT STD				110 %	90 %
ADSORB. EFF.				105 %	95 %
STD BLANK	N/A		N/A		N/A

SAMPLE I.D.	EX, W, ST	RUN #1	RUN #2	RUN #3	RUN #4	AVERAGE
308090-1A	EX	ND	ND	—	—	ND
308125-1B	↓	ND	ND	—	—	ND
INTEG STD ACT = 0.0/026 $\frac{0.0}{0.000} \times 100 = 102.6$						

STANDARD	CONC. KNOWN	CONC. FOUND	% RECOVERY	QA/QC LIMITS	
				UPPER	LOWER
NITRATE BLANK	N/A		N/A		N/A
INTEGRITY				103 %	97 %
ETHYL ACETATE	N/A		N/A		
SET POINT STD				110 %	90 %

SAMPLE I.D.	EX, W, ST	RUN #1	RUN #2	RUN #3	RUN #4	AVERAGE

REVIEWED BY: [Signature]
DATE: 8/9/93

APPROVED BY: [Signature]
DATE: 8/9/93



LAFAYETTE AREA LAB
500 AMBASSADOR CAFFERY PKWY.
SCOTT, LOUISIANA
ZIP: 70583-8544
PHONE: (318) 237-4775

**** SPL QUALITY CONTROL REPORT ****

Matrix: Soil

Reported on: 08/05/93

Analyzed on: 08/04/93

Analyst: RB

This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

**Total Petroleum Hydrocarbons
Method - Mod. CA DHS Purgeables/Gasoline**

SPL Sample ID Number	Blank Value mg/Kg	Amt Added mg/Kg	Matrix Spike Recovery %	Matrix Spike Duplicate Recovery %	Relative Percent Difference %
9308084-05A	ND	5.0	76	78	2.6

FIDN930804094100-80493-F

SPL, Incorporated



John Durand, Corporate QC Officer



LAFAYETTE AREA LAB
500 AMBASSADOR CAFFERY PKWY.
SCOTT, LOUISIANA
ZIP 70583-8544
PHONE: (318) 237-4775

**** SPL QUALITY CONTROL REPORT ****

Matrix: Leachate

Reported on: 08/16/93

Analyzed on: 08/06/93

Analyst: PB

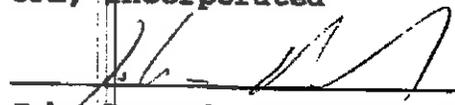
This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

Chromium, TCLP Leachate
Method - 7190

SPL Sample ID Number	Blank Value mg/L	Amt Added mg/L	Matrix Spike Recovery %	Matrix Spike Duplicate Recovery %	Relative Percent Difference %
9308013-01A	ND	0.40	85	98	14

3100930861400000-080693M

SPL, Incorporated


John Durand, Corporate QC Officer



LAFAYETTE AREA LAB
500 AMBASSADOR CAFFERY PKWY.
SCOTT, LOUISIANA
ZIP 70583-8544
PHONE: (318) 237-4775

**** SPL QUALITY CONTROL REPORT ****

Matrix: Leachate

Reported on: 08/06/93

Analyzed on: 08/05/93

Analyst: MC

This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

Arsenic, TCLP Leachate
Method - 7060

SPL Sample ID Number	Blank Value ug/L	Amt Added ug/L	Matrix Spike Recovery %	Matrix Spike Duplicate Recovery %	Relative Percent Difference %
9308013-01A	ND	80	95	93	2.1

5100930805211500-080593J

SPL, Incorporated


John Durand, Corporate QC Officer



LAFAYETTE AREA LAB
500 AMBASSADOR CAFFERY PKWY.
SCOTT, LOUISIANA
ZIP 70583-8544
PHONE: (318) 237-4775

**** SPL QUALITY CONTROL REPORT ****

Matrix: Leachate

Reported on: 08/06/93

Analyzed on: 08/05/93

Analyst: MC

This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

Selenium, TCLP Leachate
Method - 7740

SPL Sample ID Number	Blank Value ug/L	Amt Added ug/L	Matrix Spike Recovery %	Matrix Spike Duplicate Recovery %	Relative Percent Difference %
9308013-01A	ND	80	100	100	0.0

5100930805224500-080593K

SPL, Incorporated


John Durand, Corporate QC Officer



**** SPL QUALITY CONTROL REPORT ****

Matrix: Leachate

Reported on: 08/09/93
Analyzed on: 08/06/93
Analyst: PB

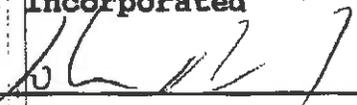
This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

Lead, TCLP Leachate
Method - 7420

SPL Sample ID Number	Blank Value mg/L	Amt Added mg/L	Matrix Spike Recovery %	Matrix Spike Duplicate Recovery %	Relative Percent Difference %
9308013-01A	ND	1.00	80	90	12

3100930861600000-080693K

SPL, Incorporated


John Durand, Corporate QC Officer



LAFAYETTE AREA LAB
500 AMBASSADOR CAFFERY PKWY.
SCOTT, LOUISIANA
ZIP 70583-8544
PHONE: (318) 237-4775

**** SPL QUALITY CONTROL REPORT ****

Matrix: Leachate

Reported on: 08/09/93

Analyzed on: 08/06/93

Analyst: PB

This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

Cadmium, TCLP Leachate
Method - 7130

SPL Sample ID Number	Blank Value mg/L	Amt Added mg/L	Matrix Spike Recovery %	Matrix Spike Duplicate Recovery %	Relative Percent Difference %
9308013-01A	ND	0.100	106	113	6.4

3100930861500000-080693J

SPL, Incorporated


John Durand, Corporate QC Officer



LAFAYETTE AREA LAB
500 AMBASSADOR CAFFERY PKWY.
SCOTT, LOUISIANA
ZIP 70583-8544
PHONE: (318) 237-4775

**** SPL QUALITY CONTROL REPORT ****

Matrix: Leachate

Reported on: 08/09/93
Analyzed on: 08/06/93
Analyst: PB

This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

Silver, TCLP Leachate
Method - 7760

SPL Sample ID Number	Blank Value mg/L	Amt Added mg/L	Matrix Spike Recovery %	Matrix Spike Duplicate Recovery %	Relative Percent Difference %
9308013-01A	ND	0.10	90	90	0.0

3100930861330000-080693L

SPL, Incorporated


John Durand, Corporate QC Officer



LAFAYETTE AREA LAB
500 AMBASSADOR CAFFERY PKWY.
SCOTT, LOUISIANA
ZIP 70583-8544
PHONE: (318) 237-4775

**** SPL QUALITY CONTROL REPORT ****

Matrix: Leachate

Reported on: 08/11/93
Analyzed on: 08/10/93
Analyst: GS

This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

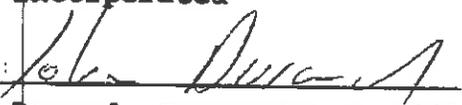
Mercury, TCLP Leachate
Method - 7470

SPL Sample ID Number	Blank Value ug/L	Amt Added ug/L	Matrix Spike Recovery %	Matrix Spike Duplicate Recovery %	Relative Percent Difference %
9308196-05A	ND	10.00	38	46	19

2100930810160000-081093U

MATRIX INTERFERENCE

SPL, Incorporated


John Durand, Corporate QC Officer



LAFAYETTE AREA LAB
500 AMBASSADOR CAFFERY PKWY.
SCOTT, LOUISIANA
ZIP 70583-8544
PHONE: (318) 237-4775

**** SPL QUALITY CONTROL REPORT ****

Matrix: Leachate

Reported on: 08/11/93

Analyzed on: 08/10/93

Analyst: GS

This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

Mercury, TCLP Leachate
Method - 7470

SPL Sample ID Number	Blank Value ug/L	Amt Added ug/L	Matrix Spike Recovery %	Matrix Spike Duplicate Recovery %	Relative Percent Difference %
DI SPIKE	ND	10.00	108	106	1.9

2100930810160000-081093V

SPL, Incorporated

John Durand, Corporate QC Officer



LAFAYETTE AREA LAB
500 AMBASSADOR CAFFERY PKWY
SCOTT, LOUISIANA
ZIP 70583-8544
PHONE: (318) 237-4775

**** SPL QUALITY CONTROL REPORT ****

Matrix: Leachate

Reported on: 08/11/93

Analyzed on: 08/09/93

Analyst: PB

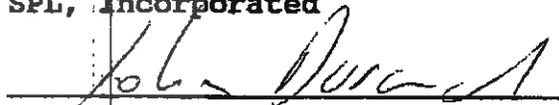
This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

Barium, TCLP Leachate
Method - 7080

SPL Sample ID Number	Blank Value mg/L	Amt Added mg/L	Matrix Spike Recovery %	Matrix Spike Duplicate Recovery %	Relative Percent Difference %
9308013-01A	ND	4.0	100	92	8.3

3100938994700000-080993P

SPL, Incorporated


John Durand, Corporate QC Officer



LAFAYETTE AREA LAB
500 AMBASSADOR CAFFERY PKWY.
SCOTT, LOUISIANA
ZIP 70583-8544
PHONE: (318) 237-4775

**** SPL QUALITY CONTROL REPORT ****

Matrix: Water

Reported on: 08/11/93

Analyzed on: 08/09/93

Analyst: EH

This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

Cyanide, Reactive
Method - 7.3.3.2

SPL Sample ID Number	Blank Value ug/L	Amt Added ug/L	Matrix Spike Recovery %	Matrix Spike Duplicate Recovery %	Relative Percent Difference %
LCS(DI)	ND	100.0	76	76	0.0

REC930809130000-080993T

SPL, Incorporated

John Durand, Corporate QC Officer



LAFAYETTE AREA LAB
500 AMBASSADOR CAFFERY PKWY.
SCOTT, LOUISIANA
ZIP 70583-8544
PHONE: (318) 237-4775

**** SPL QUALITY CONTROL REPORT ****

Matrix: SOIL

Reported on: 08-10-93
Analyzed on: 08-09-93
Analyst: K. JOHNSON

This sample was randomly selected for use in the SPL quality control program. The results are as follows:

pH
Method- 150.1

-- DUPLICATE ANALYSIS --

SPL Sample ID	Original Sample Concentration st unit	Duplicate Sample st unit	% RPD #
9308196-03	5.90	5.90	0.0

SPL, Incorporated


John Durand, QC Officer



LAFAYETTE
P.O. BOX 31780
ZIP 70593-1780
PHONE: 318 984-2374

**** SPL QUALITY CONTROL REPORT ****

Matrix: SOIL

Reported on: 08-04-93
Analyzed on: 08-04-93
Analyst: H. WILLIAMS

This sample was randomly selected for use in the SPL quality control program. The results are as follows:

IGNITABILITY
Method- 1010

-- DUPLICATE ANALYSIS --

SPL Sample ID	Original Sample Concentration Deg. F	Duplicate Sample Deg. F	% RPD #
9308013-01	>150.00	>150.00	0.0

SPL, Incorporated


John Durand, QC Officer



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500 AMBASSADOR CAFFERY PKWY.
SCOTT, LOUISIANA
ZIP 70583-8544
PHONE: (318) 237-4775

**** SPL QUALITY CONTROL REPORT ****

Matrix: Water

Reported on: 08/06/93

Analyzed on: 08/06/93

Analyst: EH

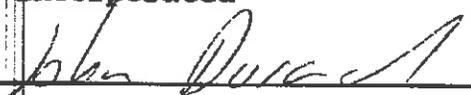
This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

Sulfide, Reactive
Method - 7.3.4.1

SPL Sample ID Number	Blank Value mg/L	Amt Added mg/L	Matrix Spike Recovery %	Matrix Spike Duplicate Recovery %	Relative Percent Difference %
LCS (DI)	ND	60.0	80	75	6.4

RESU930806153000-080693F

SPL, Incorporated


John Durand, Corporate QC Officer

(S) THE SOUTH BEND ROAD

Company Name: *General Services*

Address: *Miami*

Site #: *15001*

Task #: *15*

Project Manager: *Bob Turner*

I attest that the procedures were followed in the collection of these

Field Sample ID

CS-2

LABORATORY

PRIORITY EXPEDITIOUS
OBTAIN

BI-1

9308003

THE SOUTHLAND CORPORATION
Environmental Coordinator
Lon Towns

5087

Company Name: **Lowndes County Technology** Phone #: **919 467-2227**
Address: **Morrisville, N.C.** FAX #: **919 467-2299**
Store #: **15061** Site Location: city, state
Task #: **15 15** **550 Archstone Dr, Carmel, NC**

Project Manager: **Don Turinigan** Client Project ID#
Sampler Name (Print): **Randy Jago**

I attest that the proper field sampling procedures were used during the collection of these samples.

Field Sample ID	Lab # (Lab use only)	# CONTAINERS	Matrix			Method Preserved			Sampling										
			WATER	SOIL	AIR	SLUDGE	PRODUCT	HCl	HNO ₃	H ₂ SO ₄	ICE	UNREF. SERVED	OTHER (Specify)	DATE	TIME				
15-2		2	X																

SPECIAL HANDLING
Contact _____
Quote/Contract # _____
7 Business Days Confirmation # _____
Other **STANDARD** P.O. # _____
Business Days

SPECIAL DETECTION LIMITS (Specify)

SPECIAL REPORTING REQUIREMENTS (Specify)

QA/QC Level
Blue CLP Other FAX

Relinquished by Sampler: **Randy Jago**
Relinquished by: **Don Turinigan**
Relinquished by: _____

Date: **7/27** Time: **1800**
Date: **8/2** Time: **1800**
Date: _____ Time: _____

Received by: **Don Turinigan**
Received by: **FED EX**
Received by Laboratory: **B. Taylor**
Way bill #: **813/93**
1125

CUSTODY RECORD

ANALYSIS REQUEST		OTHER
BTEX Gas Hydrocarbons PID/FID <input type="checkbox"/> with MTBE <input type="checkbox"/>	BTEX G02 <input type="checkbox"/> 8020 <input type="checkbox"/> with MTBE <input type="checkbox"/>	
Hydrocarbons GC/FID Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Screen <input type="checkbox"/>	Hydrocarbon Profile (SIMDIS) <input type="checkbox"/>	
Oil and Grease 413.1 <input type="checkbox"/> 413.2 <input type="checkbox"/> SM-503 <input type="checkbox"/>	TPM/R 418.1 <input type="checkbox"/> SM 503 <input type="checkbox"/>	
EDB by 504 <input type="checkbox"/> DBCP by 504 <input type="checkbox"/>	EPA 603.1 <input type="checkbox"/> EPA 502.2 <input type="checkbox"/>	
EPA 601 <input type="checkbox"/> EPA 8010 <input type="checkbox"/>	EPA 602 <input type="checkbox"/> EPA 8020 <input type="checkbox"/>	
EPA 608 <input type="checkbox"/> 8080 <input type="checkbox"/> PCB only <input type="checkbox"/>	EPA 824/PPL <input type="checkbox"/> 8240/TAL <input type="checkbox"/> NBS (15) <input type="checkbox"/>	
EPA 625/PPL <input type="checkbox"/> 8270/TAL <input type="checkbox"/> NBS (25) <input type="checkbox"/>	EPA 610 <input type="checkbox"/> 8310 <input type="checkbox"/>	
EP TOX Metals <input type="checkbox"/> Pesticides <input type="checkbox"/> Herbicides <input type="checkbox"/>	TCLP Metals <input checked="" type="checkbox"/> VOA <input type="checkbox"/> Semi-VOA <input type="checkbox"/> Pest <input type="checkbox"/> Herb <input type="checkbox"/>	
EPA Metals - Priority Pollutant <input type="checkbox"/> TAL <input type="checkbox"/> RCRA <input type="checkbox"/>	CAM Metals TLOC <input type="checkbox"/> STLC <input type="checkbox"/>	
Lead 239.2 <input type="checkbox"/> 200.7 <input type="checkbox"/> 7420 <input type="checkbox"/> 742 <input type="checkbox"/> 6010 <input type="checkbox"/>	Organo Lead <input type="checkbox"/>	
Corrosivity <input checked="" type="checkbox"/> Flash Point <input checked="" type="checkbox"/> Reactivity <input checked="" type="checkbox"/>		
		X TOX
		X BTEX + PHH/GAS

REMARKS:
[Redacted]

Lab Use Only Lot #: _____
Work Order #: _____
Storage Location

Priority (24 hr)
Expedited (48 hr)
7 Business Days
Other **STANDARD** Business Days

Received by: **Don Turinigan**
Received by: **FED EX**
Received by Laboratory: **B. Taylor**
Way bill #: **813/93**
1125



**GROUNDWATER
TECHNOLOGY**

Groundwater Technology, Inc.
1000 Perimeter Park Dr., Suite I, Morrisville, NC 27560
(919) 467-2227

Letter of Transmittal

TO Mr. Allen Schiff
NCDEMR
919 North Main Street
Mooresville, NC 28115

DATE	<u>11/1/93</u>	W.D. NO.
ATTENTION	<u>ALLEN SCHIFF</u>	
RE:		
N.C. DEPT. OF ENVIRONMENT, HEALTH, & NATURAL RESOURCES		
NOV 08 1993		
DIVISION OF ENVIRONMENTAL MANAGEMENT MOORESVILLE REGIONAL OFFICE		

GENTLEMEN:

- WE ARE SENDING YOU Attached Under separate cover via _____ the following items:
- Shop drawings Prints Plans Samples Specifications
- Copy of letter Change order _____

COPIES	DATE	NO.	DESCRIPTION
<u>1</u>	<u>10/19</u>		<u>USF REMOVAL REPORT "ARCHDALE DRIVE, CHARLOTTE."</u>

clean

THESE ARE TRAI

- For approval Approved as submitted Resubmit _____ copies for approval
- For your use Approved as noted Submit _____ copies for distribution
- As requested Returned for corrections Return _____ corrected prints
- For review and comment _____
- FOR BIDS DUE _____ 19 _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS

COPY TO _____

SIGNED: Don Johnston

If enclosures are not as noted, kindly notify us at once.

State of North Carolina
Department of Environment,
Health and Natural Resources
Mooresville Regional Office

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
Vivian H. Burke, Regional Manager



DIVISION OF ENVIRONMENTAL MANAGEMENT

January 28, 1994

**The Southland Corporation
2711 North Haskell Avenue
Dallas, Texas 75221
Attention: Karen Price**

**RE: Soil Sample Results from
Underground Storage Tank Closure
Former 7-Eleven
550 Archdale Dr., Charlotte
Mecklenburg County, N.C.**

Dear Ms. Price:

The Groundwater Section of the Division of Environmental Management at the Mooresville Regional Office has received the laboratory analyses from eight soil samples collected during the closure of two underground storage tanks at the subject site. The report arrived on November 8, 1993. Based on the reported results, no further action is required at this time.

Should you have any questions, please do not hesitate to call me.

Sincerely,

**Mike Tynan
Hydrogeological Technician**

MT/sc

APPENDIX VI

Qualifications of Environmental Professionals

Thomas C. Hassett, P.E.
Project Engineer - Charlotte, NC

SPECIAL QUALIFICATIONS & EXPERIENCE RELATED TO THIS ASSIGNMENT

Over sixteen (16) years experience in a wide variety of environmental, geotechnical, and construction materials engineering projects. Special training and experience in environmental investigations and construction material evaluations.

**GEOSCIENCE
GROUP**

EDUCATION

BS Studies in Mechanical Engineering
McGill University, 1987 - 1991

Webb Institute Of Naval Architecture, 1985 - 1986

Short Courses

**Environmental Site Assessment
Practices for Commercial Real Estate**
ASTM - Practice E 1527-05

Evaluation Of Indoor Inhalation Pathway

**National Environmental Health Association
National Radon Proficiency Program**
Residential Radon Measurement

**Health and Safety Training for Hazardous
Waste Operations and Emergency Response**
(40 hours)

EXPERIENCE

2008 - Present: Project Engineer
Geoscience Group - Charlotte, NC
Manage site investigations, perform onsite inspections, and prepare reports for commercial and industrial clients. Work includes environmental investigations, segmental block retaining wall design, and construction and materials testing.

1997-2008: Project Manager
Geoscience Group - Charlotte, NC
Directed and conducted environmental assessments and remediation projects for industrial, commercial, and municipal clients. Responsibilities also included preparation of construction materials testing reports and QA/QC testing for soil, concrete, steel, asphalt and caissons.

1995-1997: Laboratory Manager
Geoscience Group - Charlotte, NC
Conducted laboratory tests and field inspections for the selection and utilization of construction materials including soils, stone, concrete, asphalt, fasteners, and steel in commercial construction applications.

1993-1995: Engineering Technician
Geoscience Group - Charlotte, NC
Responsibilities as a quality control technician included field testing of soils, stone, concrete, asphalt, fasteners, and steel for a variety of construction projects.

1989: Laboratory Assistant
Army Corps Of Engineers - Hanover, NH
Evaluated simulated sea ices used for scale model testing of ship hulls.

PROFESSIONAL ENGINEERING REGISTRATIONS

North Carolina

PROFESSIONAL CERTIFICATIONS

National Environmental Health Association - Residential Radon Measurement Provider

SPECIAL QUALIFICATIONS & EXPERIENCE RELATED TO THIS ASSIGNMENT

Extensive education (PhD candidate) and over thirty (30) years experience and in a wide variety of geotechnical, environmental and construction materials engineering (GECME) projects. Special training and experience in advanced soil mechanics, environmental compliance issues and construction material evaluations.

**GEOSCIENCE
GROUP**

EDUCATION

PhD Studies in Soil Mechanics
(minor in statistics)
North Carolina State University, 1981-83
Master of Science in Geotechnical and Foundation Engineering
George Washington University, 1981
Bachelor of Science in Civil Engineering
Virginia Polytechnic Institute, 1978

Short Courses

Environmental Site Assessment Practices for Commercial Real Estate
ASTM - Practice E 1527-94
Health and Safety Training for Hazardous Waste Operations and Emergency Response (40 hours)
Hazardous Waste Site Training for Supervisors: Health, Safety and Environmental Compliance (8 hours)

EXPERIENCE

1991 - Present: President/Chief Engineer
Geoscience Group - Charlotte, NC
Provide overall company management and perform special senior consulting assignments in GECME.

1987-1991: Manager/Principal Engineer
Trigon Engineering Consultants, Inc. - Charlotte, NC
Managed office with 30 professional and technical personnel performing GECME including soils, concrete, asphalt and structural steel.

1985-1987 Senior Engineer
Trigon Engineering Consultants, Inc. - Greensboro, NC
Senior consultant performing GECME and Pressuremeter Testing Research

1983-1985: Senior Project Engineer
STS Consultants, Ltd - Fairfax, VA.
Provided recommended solutions and technical quality control for GECME projects; supervised field construction services and Pressuremeter Testing.

1981-1983: Teaching/Research Assistant
GW University & NC State University
As a PhD candidate helped develop an innovative technique to test the pumpability of stiff mortars.

1978-1981: Staff/Project Engineer
Schnabel Engineering Associates - Bethesda, MD
Staff engineer performing GECME with substantial field supervision responsibilities. Responsible for implementation and interpretation of hundreds of Pressuremeter Tests.

PROFESSIONAL ENGINEERING REGISTRATIONS
NC, MD, DE, VA, DC, WV, SC, GA, TN, KY, AL

North Carolina Inactive Hazardous Site Branch
Registered Site Manager

PROFESSIONAL AFFILIATIONS

ASCE, NSPE, British Geotechnical Society, International Society for Soil Mechanics and Foundation Engineering.