



July 2018

LINEBERGER PROPERTY

Phase I Environmental Site Assessment Report

GASTONIA, NC BUILD GRANT SUBMITTAL

311-ACRES

LINEBERGER ROAD

GASTONIA, GASTON COUNTY, NORTH CAROLINA

Gaston County Parcel Reference Numbers:

137876

138012

127779

127822

Prepared for:

The Lineberger Family
Gaston County, North Carolina
City of Gastonia, North Carolina

Prepared by:

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PHASE I ENVIRONMENTAL SITE ASSESSMENT

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311-ACRE UNDEVELOPED PROPERTY
LINBERGER PROPERTY – LINEBERGER ROAD
GASTONIA, GASTON COUNTY, NORTH CAROLINA

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PHASE I ENVIRONMENTAL SITE ASSESSMENT
Undeveloped Property
Lineberger Road
Gastonia, Gaston County, North Carolina

1.0 SUMMARY

Kimley-Horn and Associates, Inc. (Kimley-Horn) was retained by Gaston County, the City of Gastonia, and the Lineberger family (the "Client/s") to conduct a Phase I Environmental Site Assessment (ESA) on the approximate 311-acre Undeveloped Property (referred to herein as the "subject property" or the "Site") located north of Interstate 85 in Gastonia, Gaston County, North Carolina (**Figure 1**). The Site is comprised of four (4) individual property parcels currently owned by one (1) property owner. The Client purchased the undeveloped property parcels with the intent to explore future development options. Property Record Cards obtained from the Gaston County GIS mapping website are attached in **Appendix A**.

This ESA was conducted in general accordance with the accepted principles and methods designed to comply with the procedures outlined in the American Society for Testing and Materials (ASTM) E 1527-13, *Standard Practice for Environmental Site Assessments*. The purpose of this Phase I ESA was to identify Recognized Environmental Conditions (RECs) as defined in ASTM E 1527-13. The findings contained in this document are based on observations made by Kimley-Horn's professional staff and information obtained from readily available federal, state, county, and city regulatory agencies at the time of the assessment.

1.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

Kimley-Horn identified no evidence of Recognized Environmental Conditions (RECs) in association with the Site.

1.2 BUSINESS ENVIRONMENTAL RISKS

Business Environmental Risks (BERs) were identified in association with the current and/or historical use of the Site and adjoining properties. As identified in Section 3.2.11 of the ASTM 1527-13 Standard, BERs are indicative of a risk which can have a material environmentally driven impact on the business associated with the current or planned use of a property. A BER may not be subject to regulatory reporting or corrective measures. The following BERs were identified in association with the subject Site:

- The historical use of the Site for silviculture and agriculture production. The historical land use presumably included the application of herbicides, fertilizers, and/or pesticides for tree and crop cultivation. The legal application of these compounds over time can result in localized impacts to the soil and/or groundwater. While all the tracts within the Site have been removed from active silvicultural and agriculture management, and allowed to naturally regenerate with forested communities, any earthwork or soil disturbance associated with future uses may uncover or expose original soil.
- Kimley-Horn located multiple topographic drainage features within the subject property, two of which were identified as perineal streams, and another as an intermittent stream. Other topographic drainage features were found to contain small pockets wetland characteristics based on observed hydrology indicators and vegetative communities, but soil observations were not conducted as part of this assessment. Development within streams, streamside riparian zones, or wetland areas of the Site may be subject to additional permitting constraints or regulatory review by the US Army Corps of Engineers (USACE), the NC Division of Water Resources (NCDWR), and/or Gaston County.

- The subject property is approximately bisected by overhead power transmission lines and associated easements. The overhead utilities may need to be moved or relocated as part of development within the subject property. Additionally, overhead power transmission line easements in this area have presumably included the use and application of herbicides for easement vegetation management. The legal application of these compounds over time can result in localized impacts to the soil and/or groundwater. Any earthwork or soil disturbance associated with future uses may uncover or expose impacted soils.
- Kimley-Horn identified a sanitary sewer line along the western portion of the Site. This utility line and associated easement runs north to south between a service road and perineal stream. **Figure 4** shows its approximate location.

1.3 DE MINIMIS CONDITIONS

De minimis conditions were identified in association with the current and/or historical use of the Site and adjoining properties. As identified in Section 3.2.22 of the ASTM 1527-13 Standard, de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. The following de minimis conditions were identified in association with the subject Site:

- De minimis dumping of debris and household material was identified in multiple locations along service roads throughout the Site. The duration of dumping and the quantities of discarded material in these areas is unknown. **Figure 4** shows the locations of de minimis debris dumping identified in the subject property. **Appendix J** shows photographs of typical materials observed.

2.0 INTRODUCTION

The following is a summary of the purpose, scope of services, and limitations associated with this environmental site assessment.

2.1 PURPOSE

The primary purpose of this assessment was to identify RECs associated with the past or present uses of the Site and surrounding properties. The findings contained in this document are based on observations made by Kimley-Horn's professional staff and information obtained from readily available federal, state, county, and city regulatory agencies available at the time of the investigation. This assessment was conducted using currently accepted principles and methods designed to comply with those procedures outlined in the ASTM E 1527-13, *Standard Practice for Environmental Site Assessments*.

2.2 DETAILED SCOPE OF SERVICES

This assessment represents a reasonable attempt to identify RECs in association with the Site. The methodology for completing the Phase I ESA consisted of the following activities:

- A site reconnaissance by a qualified environmental professional to visually examine and photograph the Property and surrounding area within a 0.25-mile radius to document existing site conditions.
- A review of available historic aerial photographs of the Site and the immediate vicinity.
- A review of available City Directories and Fire Insurance Maps.

- A review of information generated by Environmental Data Resources (EDR), which included a search of state and federal databases, including, but not limited to, the National Priority List (NPL), Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), Resource Conservation and Recovery Act (RCRA) Treatment Storage and Disposal facility (RCRA TSD), RCRA Corrective Action List (RCRA COR), RCRA generator list (RCRA GEN), Emergency Response Notification System (ERNS), Delisted NPL Sites, Facility Index System/Facility Identification Initiative Program Summary Report (FINDS), Solid Waste Facilities (SWF), Registered Underground and/or Aboveground Storage Tanks (UST/AST), Leaking Underground Storage Tank Incident Reports (LUST), and Dry Cleaners. A copy of the EDR report is included as **Appendix B**.
- Review of available historical topographic maps.

2.3 SIGNIFICANT ASSUMPTIONS

Kimley-Horn assumes that all information provided by EDR regarding the regulatory status of facilities located within the minimum search radius and information obtained from the State and County files were complete, accurate, and current. Kimley-Horn also assumes that all information obtained through interviews was complete, accurate, and unbiased.

2.4 LIMITATIONS AND EXCEPTIONS

This assessment represents a reasonable attempt to identify RECs for the subject property through the implementation of the methodology and the use of resources described above. There is always the possibility that recognized environmental conditions have escaped detection due to the limitations of this study, the incompleteness or inaccuracy of governmental records, or the presence of undetected and unreported environmental accidents. In addition, Kimley-Horn assumes all information provided by the Town of Morrisville and associated parties are accurate and complete. No limitations in data and resources were encountered during the preparation of this report.

Conclusions were based on practically reviewable information available within reasonable time and cost constraints. There is always the possibility that potential sources of contamination have escaped detection due to the limitations of this study, the inaccuracy of governmental records, or the presence of undetected and unreported environmental accidents.

2.5 SPECIAL TERMS AND CONDITIONS

The terms and conditions of the completion of the Phase I ESA are those defined in the contract with the City of Gastonia, Gaston County, NC, and the Lineberger family for preparation of this report.

2.6 USER RELIANCE

This report is provided for the sole use of Kimley-Horn and Associates, Inc., Gaston County, The Town of Gastonia, and the Lineberger family. Use of this report by any third party will be at the party's sole risk, and Kimley-Horn disclaims any liability for any such uses or reliance by third parties. Due to changing environmental regulatory conditions and potential on-site or adjacent activities occurring after this assessment, the client may not presume the continuing applicability to the subject property of the conclusions in this assessment for more than 180 days after the report's issuance date, per ASTM Standard Practice E 1527-13, 4.6. As such, this Phase I ESA is no longer considered viable after January 19, 2019.

3.0 SITE DESCRIPTION

The following is a summary of the Site and the surrounding properties and their environmental setting.

3.1 LOCATION AND LEGAL DESCRIPTION

The Site is located between Interstate 85 to the south, and the intersection of Railroad Street and Lineberger Road to the north in Gastonia, Gaston County in North Carolina (**Figure 1**). CALYX, LLC owns the approximately 311-acre property which includes four parcels. A railroad defines the northern border of the Site. Property information was obtained from the Gaston County GIS website, accessed July 3, 2018, and is attached in **Appendix A**. The subject property is currently zoned by the City of Gastonia as a General Industrial (I2) district. The Site is located within the *2016 Gastonia North, and Mount Holly, North Carolina* USGS

3.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The 311-acre Site is situated in an area of mixed use including commercial and residential uses. The subject property consists of four undeveloped property parcels that are primarily forested. One single-family home sits on one of the parcels. Seven single-family residential houses sit between two of the parcels and are occupied by separate landowners. The subject property is located south of Lowell Road with Lineberger Road crossing onto the Site from the north. Bisecting the property is a sanitary sewer line running north to south, and powerline easement running west to east.

3.2.1 SITE ELEVATION AND TOPOGRAPHY

A review of the *2016 Gastonia North, and Mount Holly, North Carolina* USGS topographic maps along with the EDR radius search report indicated that the Site and surrounding areas have moderate topographic relief ranging from 700 feet above mean sea level to 800 feet above mean sea level (**Figure 2**). EDR provided Kimley-Horn with *Gastonia North and South, Mount Holly, and Belmont, North Carolina* topographic maps from the following years: 1914, 1916, 1996, 2003 2013. The historical topographic maps are included in **Appendix C**.

3.2.2 SURFACE SEDIMENTS

A Custom Soil Resource Report was obtained from the U.S. Department of Agriculture Natural Resource Conservation Services (USDA/NRCS) Web Soil Survey¹ mapping program for the Site. According to the custom report, seven (10) soil types exist in the subject Site. These soil types include Alamance variant fine sandy loam (AmB and AmD), Cecil-Urban land complex (CfB) Chewacla loam (ChA), Lloyd loam (LcE), Lloyd sandy clay loam (LdB2 and LdD2) Lignum silt loam (LgB), Tatum gravelly loam (TaB and TaD), and Worsham loam (WoA). Alamance variant fine sandy loam, Cecil-Urban land complex, Lloyd loam, Lloyd sandy clay loam and Tatum gravelly loam are considered well drained soils. Lignum silt loam is considered moderately well-drained soil, while Chewacla loam is considered a somewhat poorly drained soil, and Worsham loam is considered a poorly drained soil. The custom soil report detailing each soil series is included in **Appendix D**.

3.2.3 GEOLOGY/HYDROGEOLOGY

The subject property is located in Gaston County in southcentral North Carolina, within the Southern Outer Piedmont Ecoregion. The Southern Outer Piedmont of North Carolina consists of geology comprised of shales, sandstones, mudstones,

¹ U.S. Department of Agriculture – Natural Resources Conservation Service Web Soil Survey
Accessible via <http://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>.

siltstones, and conglomerates. The Southern Outer Piedmont area typically has well to moderately well-draining soils with a medium runoff class. The dominant soil series in the subject property is Tatum Gravelly Loam (62.4% of the subject property), which is a well-drained soil with low water storage. The depth to the water table is typically more than 80 inches.

3.2.4 SURFACE WATER FEATURES

The Site is located in the South Fork Catawba River watershed (HUC 03050102). The NRCS Soil Survey of Gaston County (1909) and the 2016 *Gastonia North*, and *Mount Holly, North Carolina* USGS topographic map indicate the presence of two stream features within the subject property flowing from north to south before converging, then continuing southward before exiting the property, and flowing beneath Interstate 85 to Duharts Creek. These features were identified in the field.

During the site reconnaissance, Kimley-Horn staff located an additional perennial stream channel within the subject property. The unnamed tributary would likely be considered jurisdictional by the USACE and NCDWR. Kimley-Horn also identified several drainage features that exhibit wetland or stream characteristics that may be considered jurisdictional by the USACE and NCDWR based on observed hydrology indicators and vegetative communities.

3.3 CURRENT USE OF PROPERTY

The subject property is an undeveloped, forested parcel located between Interstate 85 to the south and a railroad to the north. Lineberger Road crosses the northern border running to the south, but stops short of Interstate 85. One single-family residence located on the subject property. The property is bisected by two utility easements (sanitary sewer and aboveground power line).

3.4 DESCRIPTIONS OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS OF THE SITE

One single-family residence is located on the Subject Property. Lineberger Road crosses the northern boundary of the Site, and runs to the south before stopping short of Interstate 85. Interstate 85 runs along the southern border of the Site, while a railroad defines the northern border. A maintained utility easement runs west to east through the center of the property. Two perennial stream channels flow into the subject property from the north, and exit the property to the south.

3.5 CURRENT USE OF ADJOINING PROPERTIES

The following table provides information about the adjoining properties obtained during the site reconnaissance and through review of reasonably ascertainable information.

Table A – Current Use of Adjoining Properties

Property	Use
Northern Adjoining Properties	The subject property is bordered to the north by a railroad. Beyond it, Lowell Road runs parallel and is lined with several small businesses and a few single family dwellings. North of Lowell Road is predominately residential and undeveloped forested land.
Eastern Adjoining Property	Before navigating completely offsite, seven small parcels occupy space between two of the four parcels that define the eastern half of the subject property. These parcels contain single family dwellings that are currently occupied. The eastern adjoining property consists of several small residential neighborhoods. Holbrook Middle School sits further east amongst additional housing, and the City Lowell Community Center.
Southern Adjoining Property	The subject property is bordered to the south by Interstate 85. Beyond interstate 85, several commercial developments and associated impervious parking lot extend further south to Highway 29. Included is a Walmart Supercenter, Lowe’s Home Improvement, and a Regal Cinemas movie theater
Western Adjoining Property	The subject property is bordered to the west by predominately forested land, and rural single family homes. There is a service road that comes into the property on the northwest corner. Just west of it sits a small residential neighborhood. Continuing west, development becomes increasingly commercialized as major shopping centers and restaurants dominate the landscape as Interstate 85 turns more northward.

4.0 USER PROVIDED INFORMATION

4.1 USER QUESTIONNAIRE

Mr. Rusty Bost, Director of Development Services for the Town of Gastonia, and Arch Lineberger, were issued the User Questionnaire for completion on July 11, 2018. Both gentlemen returned the completed User Questionnaire the same day, and can be viewed in **Appendix E**. Both documents indicated no known issues with respect to the subject property. However, Mr. Arch Lineberger did mention an environmental cleanup to remove gasoline tanks was conducted 15-20 years ago.

4.2 TITLE RECORDS

No title records associated with the subject property were provided to Kimley-Horn by the Client.

4.3 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

An Environmental Lien Report search was conducted by EDR. No activity and use limitations recorded for the Site were described in the EDR report.

4.4 SPECIALIZED KNOWLEDGE

Kimley-Horn has no specialized knowledge of the subject Site.

4.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

Kimley-Horn was not informed of any reduction in the value of the Property as a result of environmental issues.

4.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

As previously discussed in this report, the 311-acre subject property is owned by Calyx, LLC

(Appendix A). The subject property is currently an undeveloped forested parcel, but does include on single-family residence.

4.7 REASON FOR PERFORMING THE ENVIRONMENTAL SITE ASSESSMENT
 Kimley-Horn was contracted to perform a Phase I ESA consistent with ASTM E 1527-13 by Gaston County, The Town of Gastonia, and the Lineberger family to include in a grant proposal application intended for future commercial development.

5.0 RECORD REVIEW

The following is a summary of the historical record review conducted for the Site.

5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

As a part of this assessment, Kimley-Horn reviewed various sources of information to obtain data pertaining to the release of regulated substances or petroleum products on or near the subject Site.

An environmental database search for the Site and the surrounding area was performed by EDR using ASTM 1527-13 standard radii. A copy of the EDR Radius Report is attached in its entirety in **Appendix B**. A summary of these facilities is included below.

Table B: Summary of Regulated Facilities in the Radius Report

Type	Regulatory Agency Data Base	Approximate Minimum Search Distance (AMSD)	Number of Sites within AMSD
Federal	RCRA Generators List (RCRA-SESQ)	1/4 Mile	1
State	Underground Storage Tanks (UST)	1/4 Mile	4
State	Leaking Underground Storage Tank (LUST)	1/2 Mile	18
State	Incident Management Database (IMD)	1/2 Mile	13
State	State Hazardous Waste Sites (SHWS)	1 Mile	3
-	EDR Historical Auto	1/8 Mile	2

5.1.1 SUBJECT PROPERTY LISTINGS

NPL Listings

BEAUNIT CORP./DYING & FINISHING (Former) – Lineberger Road, Lowell Road

- o Incident was reported 1/15/2002. This location is listed as a Federal Superfund Site. Unfortunately, no other information was provided regarding this incident. Because of the location, the former Beaudit Corp/Dying & Finishing may be considered an REC for the subject property.

IMD Listings

BEAUNIT CORP./DYING & FINISHING (Former) – Lineberger Road, Lowell Road

- o Incident was reported 1/15/2002. This location is listed as a Federal Superfund Site. Unfortunately, no other information was provided regarding this incident. Because of the location, the former Beaunit Corp/Dying & Finishing may be considered an REC for the subject property.

SHWS Listings

BEAUNIT CORP./DYING & FINISHING (Former) – Lineberger Road, Lowell Road

- o As mentioned above, Incident was reported 1/15/2002. This location is listed as a Federal Superfund Site. Unfortunately, no other information was provided. Because of the location, the former Beaunit Corp/Dying & Finishing may be considered an REC for the subject property

5.1.2 ADJOINING/NEARBY LISTINGS

RCRA-SEQ Listings

PHARR YARNS UNITED SPINNERS – 700 West First Street Lowell, NC – 962 feet East-Northeast of the subject property.

- o The PHARR Yarns United Spinners Facility is located just to the northeast of the subject property. This facility is listed as a Conditionally Exempt Small Quantity Generator, and has no documented violations. This property also had a 1,000-gallon underground storage tank (UST) removed in 2/23/2004, also appearing on the UST list in the EDR report. Although this site sits higher than the subject property, its location north of Lowell Road and the railroad corridor keep the Pharr Yarns United spinners from becoming a REC for the subject property.

UST Listings

O'QUINNS ORBITS SERVICE– 2813 Lowell Road, Lowell, NC– 4722 feet northeast of the subject property.

- o The former O'Quinn's Orbits Service is listed in the UST database for once being the location of 5 steel single wall storage tanks. Four of the tanks held a gasoline, gas mix, while one once held Kerosene, kero mix. All five tanks have been removed. Because O'Quinn's Orbits service was located north of the railroad corridor, it is not a REC for the subject property.

FORMER BILLUPS STATION #7782 – 903 W 1st Street, Lowell, NC– 655 feet northeast of the subject property.

- o The former Billups Gas Station is listed in the UST database for its five storage tanks currently onsite. These tanks stored gasoline, gas mix, and heating oil/fuel. All five tanks have been abandoned by the owner. Because Billups Gas Station was located north of the railroad corridor, it is not a REC for the subject property.

PICK'S USED CARS– 2769 Lowell Road, Gastonia, NC– 720 feet north-northwest of the subject property.

- o The former Pick's Used Cars is listed in the UST database for once being the location of 4 steel single wall storage tanks. Three of the tanks

held a gasoline, gas mix, while one is unknown. All four tanks have been removed. Because Pick's Used Cars was located north of the railroad corridor, it is not a REC for the subject property.

PHARR YARNS UNITED SPINNERS – 700 West First Street Lowell, NC – 962 feet East-Northeast of the subject property.

- As mentioned above, The PHARR Yarns United Spinner Site is listed in the UST database for once containing a 1,000 gallon underground single wall steel storage tank. The tank held fuel oil, and has been removed. Because Pharr's Yarns United Spinners was located north of Lowell Road railroad corridor, it is not a REC for the subject property.

LUST Listings

O'QUINNS ORBITS SERVICE– 2813 Lowell Road, Lowell, NC– 4722 feet northeast of the subject property.

- The former O'Quinn's Orbits service location is listed in the LUST database for soil contamination reported December 2011. Because O'Quinn's Orbits service was located north of the railroad corridor, it is not a REC for the subject property.

CIRCLE K 2723972 – 516 Cox Road, Gastonia, NC – 1938 feet west of the subject property

- This Circle K Gas Station location is listed in the LUST database for soil contamination reported in April of 2007. Because it is located west of Smyre Tributary, and topographic contours do not fall directly towards the subject property, Circle K Gas Station #2723972 is not a REC for the subject property.

EDR Historical Auto Listings

O'QUINNS SHELL SERVICE– 2813 Lowell Road, Gastonia, NC – 385 feet north-northwest of the subject property.

- The O'Quinn's Shell Service facility is listed on the EDR Historical Auto list, listing a last known operation year as 1977. During the site reconnaissance, it was discovered this site is now occupied by a small strip of shops including J's House of Styles, and OPS Outdoors prepping and survival. Because O'Quinn's Shell service was located north of the railroad corridor, it is not a REC for the subject property.

5.2 PHYSICAL SETTING SOURCES

Site elevation and topography were reviewed using the *2016 Gastonia North, and Mount Holly, North Carolina* USGS topographic maps shown in **Appendix C**. Information on surface sediments and geology/hydrogeology was obtained from the USDA/NRCS Web Soil Survey mapping program (**Appendix D**) and the US Environmental Protection Agency (EPA) Ecoregions of North Carolina and South Carolina² resource.

5.3 HISTORICAL USE INFORMATION ON THE PROPERTY

The following is a summary of the historic uses of the subject Site.

5.3.1 AERIAL PHOTOGRAPH REVIEW

² Omernik, J., & Griffith, G. (2008). Ecoregions of North Carolina and South Carolina (EPA). Retrieved from <http://www.eoearth.org/view/article/152148>.

In order to ascertain the previous land uses of the Site, a review of historical aerial photographs was conducted. A series of photographs dated 1938, 1948, 1950, 1956, 1961, 1964, 1976, 1984, 1989, 1993, 2006, 2009, 2012 and 2016 were reviewed. Aerial photographs were obtained from EDR and can be reviewed in **Appendix F**. The photographs were examined for past physical conditions on the Site and adjacent areas.

Table C: Aerial Summary for the Subject Property

Year	Summary of Information
1938	The Site is predominately cleared, agricultural land and appears to be under agricultural production. There also appears to be a plot of planted trees most likely for silvicultural production. Lineberger Road runs through the entire property. There also looks to be a single-family residence on the subject property. A transect located where the powerline easement sits looks to be cleared. Wilkinson road is visible to the south, as are Lowell Road and the railroad to the north. A mix of residential, undeveloped, and agricultural land surround the subject property on all sides.
1948	Only distinct change from 1938 looks to be the addition of residential dwellings surrounding the property.
1950	Powerline easement bisecting the subject property looks more defined. Addition of residential dwellings, small commercial businesses, and residential roads surrounding the property.
1956	Some Clearing of the planted tree plots has taken place on the subject property. Additional residential housing and roads are visible and more prominent.
1961	On the subject property, previously harvested crops and tree plots look to be recovering. Construction on Interstate 85 has begun.
1964	Vegetated areas on the subject property continue to recover. Construction on Interstate 85 looks to be complete. New service road runs along western border of the Site.
1976	No distinct changes within the the subject property from 1964. Addition of larger commercial buildings are visible northwest of the subject property.
1984	No distinct changes within the vicinity of the subject property from 1976.
1989	No distinct changes within the subject property from 1984. Business facilities, and commercial buildings along with cleared land are visible south of Interstate 85.
1993	No distinct changes within the the subject property from 1989. Major commercial development continuing south of Interstate 85
2006	Mature forested areas dominate the landscape of the subject property. Commercial development south of Interstae 85 looks to be complete.
2009	No distinct changes within the vicinity of the subject property from 2008.
2012	No distinct changes from 2009.
2016	No distinct changes within the vicinity of the subject property from 2012. On the subject property however, much of the southern portion looks to have been cleared.

- 5.3.2 CHAIN OF TITLE REVIEW
No title documents were provided by the Client.
- 5.3.3 CITY DIRECTORY REVIEW
A city directory summary of the Site and surrounding properties was provided by EDR and is attached in its entirety in **Appendix G**. EDR provided listings for Lineberger Road for the following years: 1981, 1986, 1992, 1995, 2000, 2005, 2010, 2014. No cross-street listings were available. No RECs were identified in association with the available city directories.
- 5.3.4 FIRE INSURANCE MAPS
Kimley-Horn directed EDR to conduct a search for Fire Insurance Maps for the subject Site. No coverage was available for the area in close proximity to the subject property (**Appendix H**).
- 5.3.5 HISTORICAL TOPOGRAPHIC MAPS
Historical topographic maps obtained from EDR for the subject Site are included in **Appendix C**. EDR provided *Gastonia North and South*, for the following years: 1996, 2003, and 2013, *Mount Holly, NC* for the following years: 1996, and 2013, *Belmont, NC* for the years: 1996 and 2013, and *Gastonia, NC* for the years 1914 and 1916. The available historical topographic maps indicated the Site was undeveloped.
- 5.3.6 OTHER ENVIRONMENTAL RECORDS
No other environmental records were provided to Kimley-Horn.
- 5.3.7 PAST USE OF SUBJECT PROPERTY
The subject property had been undeveloped but used for silvicultural and agriculture production since at least 1938. Historical aerial imagery indicated that the Site was allowed to revegetate as natural forest in the 1960s, with little activity occurring until the southern portion of the site was cleared between 2012 and 2016.
- No evidence of illicit dumping was observed in the available aerial photographs. Recent historical imagery available via Google Earth indicated the subject property remained forested with no designated use. No RECs were identified in association with the historical use of the subject Site.
- 5.3.8 PAST GENERAL SURROUNDING LAND USES
The surrounding area was primarily occupied by low-density residential development or undeveloped through the 1970s with the exception of Interstate 85 which was constructed during the 1960s. The surrounding area remained generally the same until the late 1980s when the initial stages of institutional and commercial development were initiated in the vicinity of the subject Site. No RECs were identified in association with the past use of the surrounding area.

6.0 SITE RECONNAISSANCE

The following is a summary of the methodology and observations of the site reconnaissance.

- 6.1 METHODOLOGY AND LIMITING CONDITIONS
On June 8, 2018, Kenny Jesensky of Kimley-Horn, working under the supervision of Tara Allden, JD a qualified environmental professional, visited the Site. The site visit was performed to make the necessary site observations for compliance with ASTM E 1527-13. Site photographs

are included in **Appendix J**. The weather conditions were sunny with temperatures approximately 90° F.

6.2 GENERAL SITE SETTING

The Site is located in an area dominated by a mixture of commercial, residential, and undeveloped land. Lineberger Road enters the Subject Property from the north allowing access to the entire Site. The Site is not secured by a gate or fence. A discussion of the Site and general vicinity is included in Section 3.2.

6.3 EXTERIOR OBSERVATIONS

At the time of site reconnaissance, the subject property was observed as an undeveloped, forested tract, but does include one single-family residence. The Site is adjacent to several single-family dwellings and small businesses. The Site is bordered by Interstate 85 to the south and a railroad to the north.

6.3.1 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS IN CONNECTION WITH IDENTIFIED USES

No hazardous substances and petroleum products were identified on the subject Site.

6.3.2 STORAGE TANKS

No storage tanks were observed on the Site.

6.3.3 ODORS

No significant odors were observed or detected on the Site.

6.3.4 DRUMS

No drums were identified on the subject Site.

6.3.5 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS CONTAINERS (NOT NECESSARILY IN CONNECTION WITH IDENTIFIED USES)

No evidence of hazardous substances or petroleum products was identified on-site or in conjunction with the properties immediately adjacent to the Site.

6.3.6 UNIDENTIFIED SUBSTANCE CONTAINERS

No unidentified substance containers were observed on the Site.

6.3.7 POLYCHLORINATED BIPHENYLS (PCBS)

PCBs were not observed on the Site.

6.3.8 PITS, PONDS, LAGOONS

No pits, ponds, and/or lagoons were observed at the Site.

6.3.9 STAINED SOIL OR PAVEMENT

No significant stains were observed in association with the exterior of the Site.

6.3.10 STRESSED VEGETATION

No evidence of stressed vegetation was observed at the Site.

6.3.11 SOLIDWASTE

No evidence of solid waste was observed at the Site.

6.3.12 WASTEWATER

A sanitary sewer line and easement are located along the western end of the Site.

6.3.13 WELLS

No potable wells were observed onsite. Water service is provided by the Town of Morrisville.

6.3.14 SEPTIC SYSTEMS

No septic systems were identified in association with the subject property.

6.4 INTERIOR OBSERVATIONS

One single family dwelling is located on the subject property. As such, no interior observations were made in association during the completion of this Phase I ESA.

7.0 INTERVIEWS

The following is a summary of the interviews conducted in support of this assessment.

7.1 INTERVIEW WITH OWNER

Although a formal interview was not conducted, Mr. Arch Lineberger did complete a User Questionnaire and return it Kimley-Horn on July 11, 2018 (**Appendix E**). Mr. Lineberger was not aware of any environmental concerns and/or issues associated with the subject property, however did mention an environmental cleanup to remove gasoline tanks was conducted 15-20 years ago

7.2 INTERVIEWS WITH GOVERNMENT OFFICIALS

On July 3, 2018, Kenny Jesensky of Kimley-Horn submitted a Public of Records Request to Gaston County requesting any information regarding the Site. County officials responded on July 6, 2018 indicating that no records or reports of emergency responses to hazard material spills, leaks, or other environmental nature incidents were found for the property. This documentation is included in **Appendix I**.

8.0 VAPOR EVALUATION

The ASTM E1527-13 document standardizes the terms release and migration consistent with those used in CERCLA and AAI. As such, potentially harmful vapors must be evaluated during the completion of a Phase I ESA.

Kimley-Horn performed a Tier 1 Vapor Encroachment Screening (VES) as defined in ASTM E2600-10³, with the purpose of identifying if a Vapor Encroachment Condition (VEC) exists in association with the subject Site. A VEC is defined as the presence or likely presence of contaminants of concern (COC) vapors in the subsurface of the subject Site caused by a release of hazardous substances and/or petroleum compounds into soil and groundwater.

Current and historical uses were evaluated within the Area of Concern (AOC) during the completion of the Tier 1 VES. As indicated in ASTM 2600-10, the radial distance of the AOC for non-petroleum hydrocarbon COCs (i.e. chlorinated VOCs) is 1/3-mile and 1/10 mile for petroleum hydrocarbons.

³ Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions.

Facility Name	Approximate Distance from Site	Contaminant Type	Information
O'Quinn Orbit Service	381 ft.	Petroleum Hydrocarbon	Underground leak reported 12/19/2016. Cleanup of soil to groundwater was conducted. Groundwater flow is towards the Site based on topography.
Beaunit Corp//Dying & Finishing	0 ft.	Petroleum Hydrocarbon	Federal Superfund Site
Ace Waste Oil Co.	665 ft.	Petroleum Hydrocarbon	Hazardous Waste Storage Facility. Although Groundwater drainage would be towards the subject property, Ace Waste Oil Company is located North of the Railroad corridor.
Renlo Union 76 Service Station	724 ft.	Petroleum Hydrocarbon	Upon Removal of three USTS, soil contamination was confirmed on 5/21/1996. No groundwater contamination was detected.

According to the reasonably ascertainable information reviewed during this screening process, Kimley-Horn has determined that a VEC can be ruled out because a VEC does not or is not likely to exist.

This Tier I VES does not include vapor intrusion and/or indoor air quality considerations associated with existing and/or proposed structures. No vapor sampling was conducted in association with this VES for the subject Site.

9.0 SIGNIFICANT DATA GAPS

As discussed in Section 2.4, no limitations were identified during the completion of this Phase I ESA. As such, no significant data gaps were identified in the reasonably ascertainable information associated with the subject Site.

Conclusions were based on practically reviewable information available within reasonable time and cost constraints. There is always the possibility that recognized environmental conditions have escaped detection due to the limitations of this study, the incompleteness or inaccuracy of governmental records, the presence of undetected and unreported environmental accidents, and/or inability to access the entire subject property. Kimley-Horn assumes all information provided by the Client and associated parties are accurate and complete.

10.0 FINDINGS

The following is a summary of the RECs and de minimis conditions identified during completion of this Phase I ESA and required in ASTM E 1527-13, 12.5.

10.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

The term recognized environmental condition (REC) refers to the likely presence of any hazardous substances or petroleum products in, on, or at the Site 1) due to any release to the

environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment. Kimpley-Horn identified one potential REC; Beaunit Corp//Dying & Finishing based on its inclusion on three lists in EDR report, and its location on the subject property. It also has an assigned superfund ID (980 559 637).

10.2 HISTORICAL RECS

A historical recognized environmental condition (HREC), as defined in the ASTM Standard, is an environmental condition that in the past would have been identified as a REC but has been adequately addressed and, therefore, no longer represents a REC. Kimley-Horn has not identified any historical RECs in association with the subject property.

10.3 CONTROLLED RECS

A controlled recognized environmental condition (CREC), as defined in the ASTM Standard is a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Kimley-Horn has not identified any CRECs in association with the subject property.

10.4 BUSINESS ENVIRONMENTAL RISKS

Business Environmental Risks (BERs) were identified in association with the current and/or historical use of the Site and adjoining properties. As identified in Section 3.2.11 of the ASTM 1527-13 Standard, BERs are indicative of a risk which can have a material environmentally-driven impact on the business associated with the current or planned use of a property. A BER may not be subject to regulatory reporting or corrective measures. The following BERs were identified in association with the subject Site:

- The historical use of the Site for silviculture and agriculture production. The historical land use presumably included the application of herbicides, fertilizers, and/or pesticides for tree and crop cultivation. The legal application of these compounds over time can result in localized impacts to the soil and/or groundwater. While all the tracts within the Site have been removed from active silvicultural and agriculture management, and allowed to naturally regenerate with forested communities, any earthwork or soil disturbance associated with future uses may uncover or expose original soil.
- Kimley-Horn located multiple topographic drainage features within the subject property, two of which were identified as perineal streams, and another as an intermittent stream. Other topographic drainage features were found to contain small pockets wetland characteristics based on observed hydrology indicators and vegetative communities, but soil observations were not conducted as part of this assessment. Development within streams, streamside riparian zones, or wetland areas of the Site may be subject to additional permitting constraints or regulatory review by the US Army Corps of Engineers (USACE), the NC Division of Water Resources (NCDWR), and/or Gaston County.
- The subject property is approximately bisected by overhead power transmission lines and associated easements. The overhead utilities may need to be moved or relocated as part of development within the subject property. Additionally, overhead power transmission line easements in this area have presumably included the use and application of herbicides for easement vegetation management. The legal application of these

compounds over time can result in localized impacts to the soil and/or groundwater. Any earthwork or soil disturbance associated with future uses may uncover or expose impacted soils.

- Kimley-Horn located sanitary sewer line along the western portion of the Site. This utility line and associated easement runs north to south between a service road, and perineal stream. **Figure 4** shows its approximate location.

10.5 DE MINIMIS CONDITIONS

De minimis conditions were identified in association with the current and/or historical use of the Site and adjoining properties. As identified in Section 3.2.22 of the ASTM 1527-13 Standard, de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. The following de minimis conditions were identified in association with the subject Site:

- De minimis dumping of debris and household material was identified in multiple locations along old service roads throughout the Site. The duration of dumping and the quantities of discarded material in these areas is unknown. **Figure 4** shows the locations of de minimis debris dumping identified in the subject property, and **Appendix J** shows photographs of typical materials observed.

11.0 CONCLUSIONS

Kimley-Horn has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E 1527-13 for the approximate 311.0-acre property located North of Interstate 85 in Gastonia, Gaston County, North Carolina. Kimley-Horn understands the Client is interested in using the site for commercial development. Any exceptions to or deletions from this practice are described in Section 2.4 of this report. The Phase I portion of this assessment has suggested there is potential for a REC (Beaunit Corp//Dying & Finishing) in association with the subject Site.

12.0 DEVIATIONS

As defined in ASTM Standard Method E 1527-13, no deviations were part of this Phase I ESA.

13.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

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

Please refer to the qualifications of personnel participating in this assessment attached in **Appendix K**.

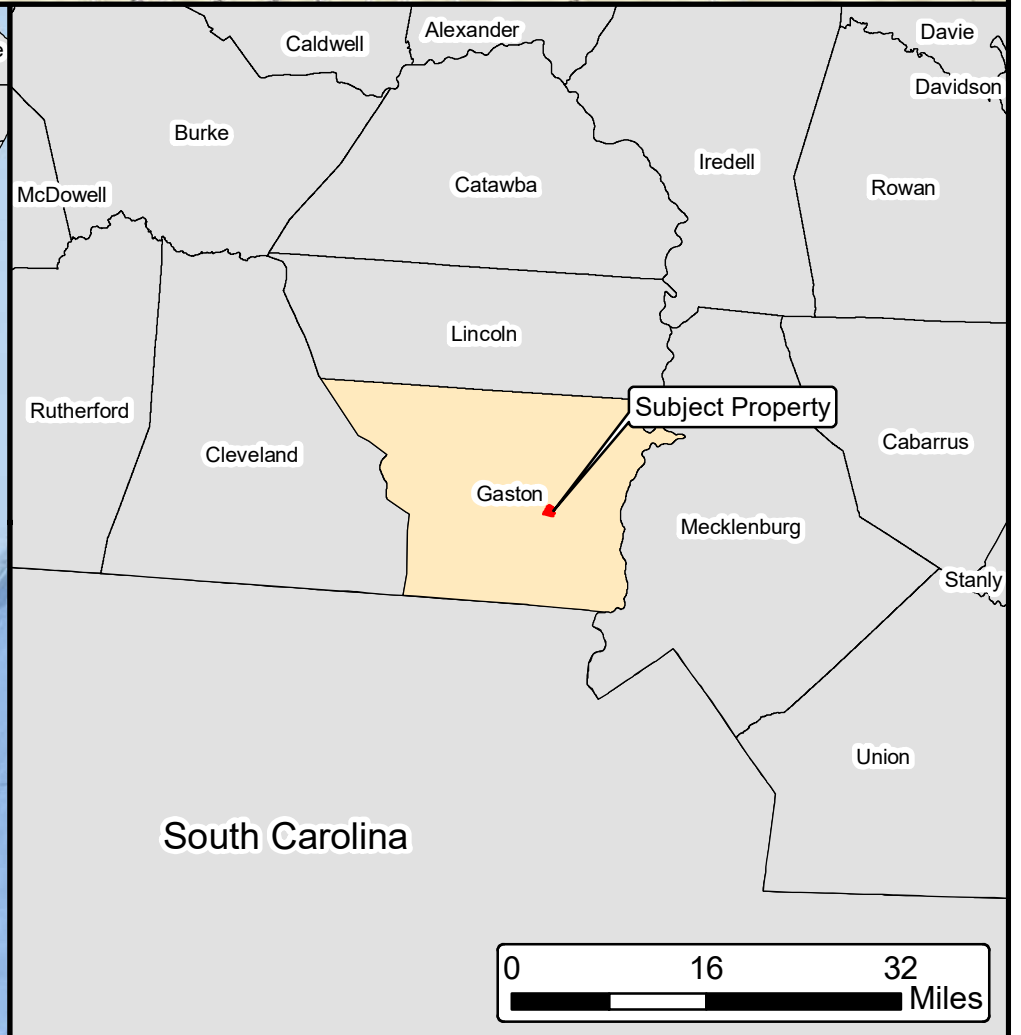
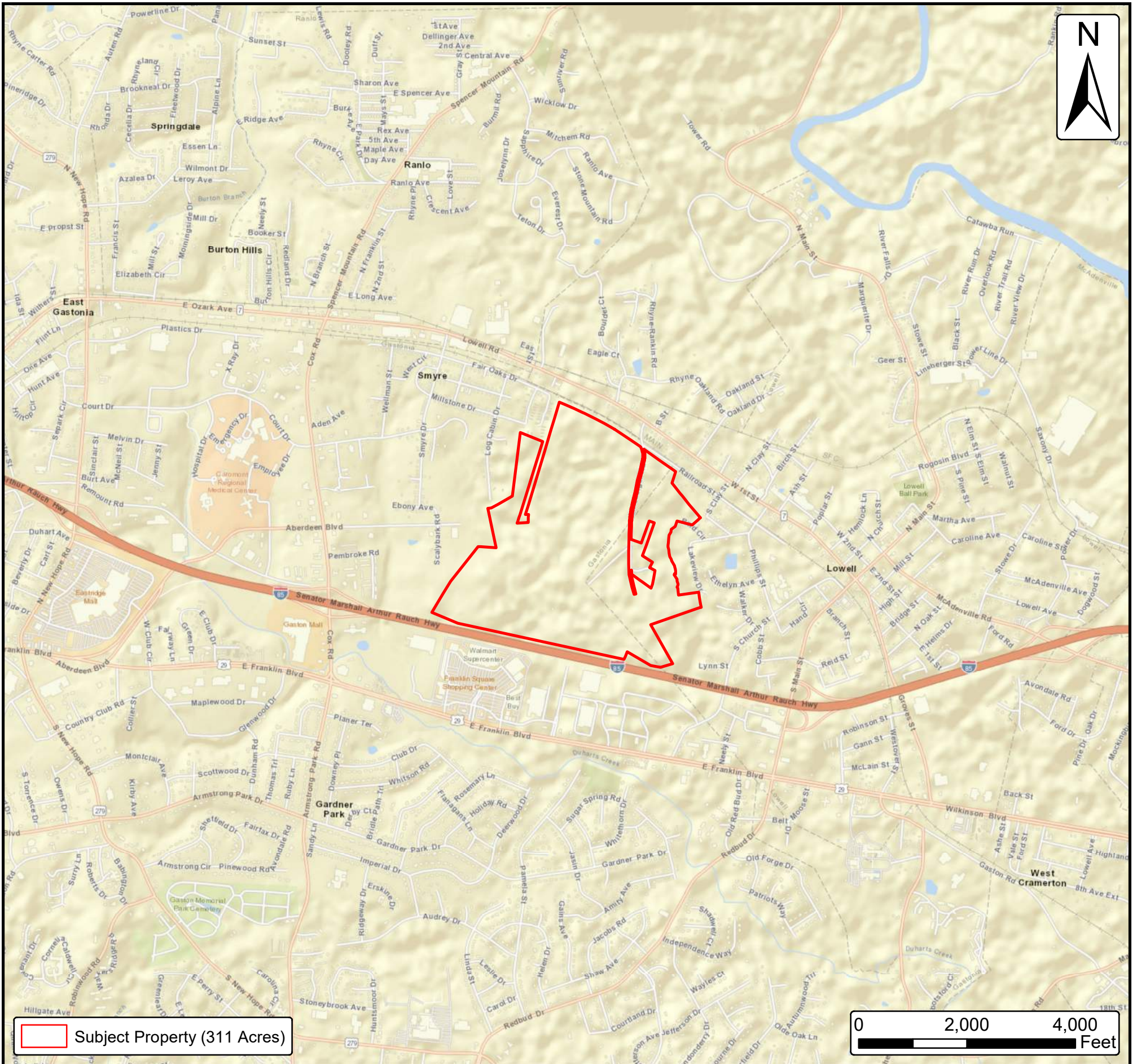


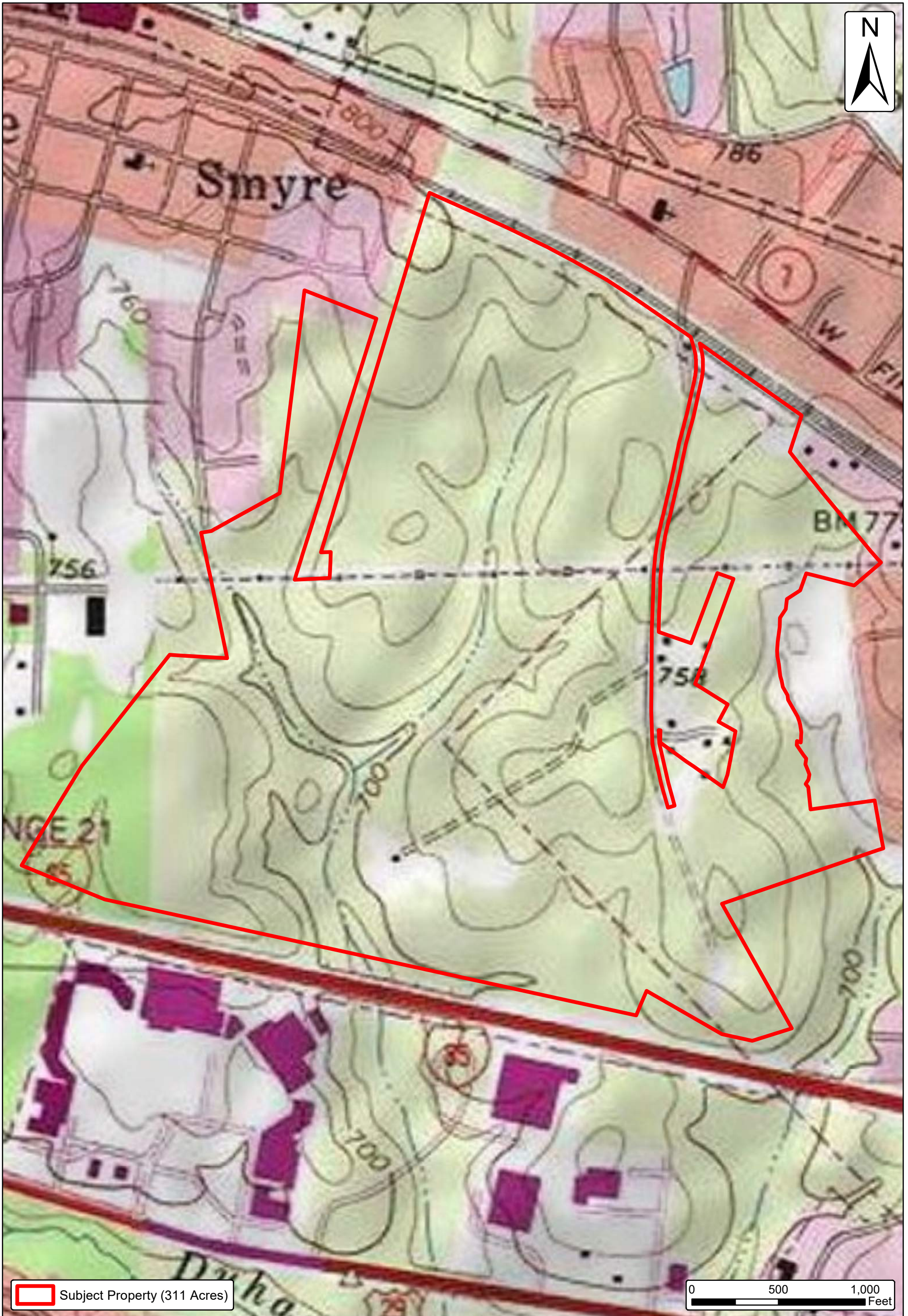
Tara Disy Allden, JD




Kenneth Jesensky, Analyst

FIGURES







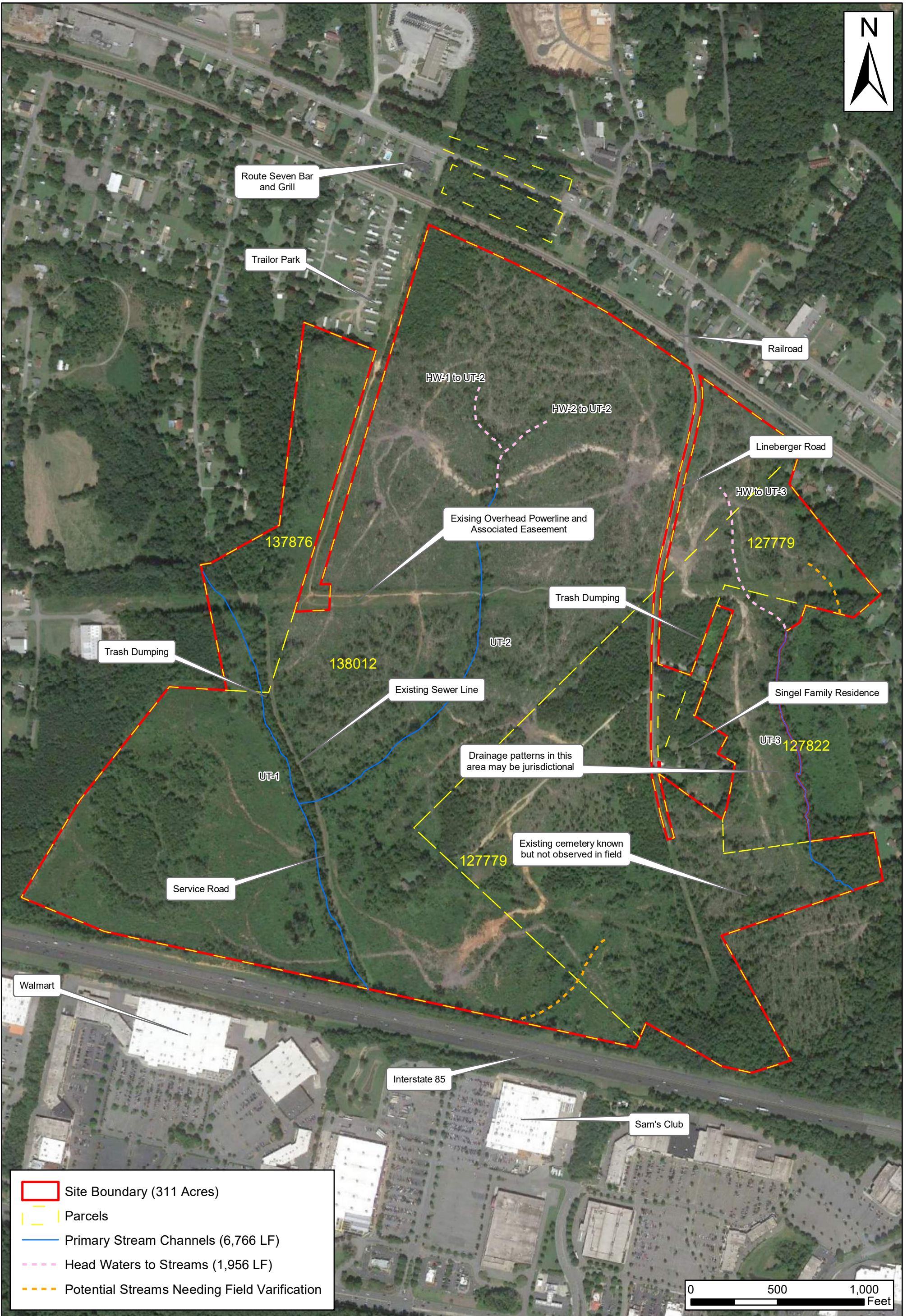
 Subject Property (311 Acres)

0 500 1,000
Feet

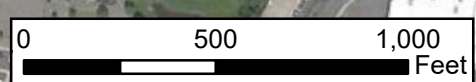
Prepared By:

Kimley»Horn

Figure 3. 2017 Photograph
Lineberger Property
Gaston County, NC
July 2018



- Site Boundary (311 Acres)
- Parcels
- Primary Stream Channels (6,766 LF)
- Head Waters to Streams (1,956 LF)
- Potential Streams Needing Field Varification



APPENDIX A
GASTON COUNTY PROPERTY
DOCUMENTATION

GASTON COUNTY, NC

YR 2018 REQUESTED BY DTURBYFI RUN 8/11/17 TIME 15:34:37

PAGE 1

LINEBERGER J HAROLD & OTHERS

LINEBERGER J HAROLD & OTHERS

NBHD: 4A008 127779

ROUTE#: 1

203 N MAIN ST

203 N MAIN ST

3565-88-7512

BELMONT NC 28012-0000

BELMONT NC 28012-0000

PERKINS ST

1380134

1380134

EXCD:

3565 88 7512 00 00

Appr Date:

APPR: APPR DT:

LAND VALUE 195,546

40,995

Eff Yr:

USE CODE: 818F FOREST USE DEF

MISC VALUE 0

0

Act Yr Bt:

DISTRICT: 210 LOWELL CITY

BLDG VALUE 0

0

HBth

NBHD: 4A008 CHURCH ST S. LOWEL

TOTAL VALUE 195,546

40,995

ASV SqFt

Sales SqFt

2017 PRIOR YEAR 195,546

40,995

05 005 116 00 000

Plat Bk/Pg

Bldg No. Appraiser:

Imp Desc:

Grade :

Stories/ Rms/

Finished Area:

COMPONENT TYPE/CODE/DESC PCT UNITS RATE STR# STR% SIZ% HGT% PER% CDS% COST %CMPL

PROPERTY NOTES:

BOOK	PAGE	DT	DATE	QS	SALES PRICE
4801	2043	WD	8/21/2015	C	
4720	0230	SWD	3/19/2014	C	
PERMIT NO		TYPE	DATE		AMOUNT

BLDG CODE	DESC	UNITS	EYB	DT	PCT	ADD.DEPR	PCT	QGCD	VALUE	EXCD	%COMP
					.00						
					.00						
					.00						
					.00						

LND #	ZONE	LAND TYPE/CODE	TOTAL ACRES	LAND ACRES	VALUE PER ACRE	LAND RATE ADJ	LAND RATE	TOP%	LOC%	SIZ%	SH%	OTH%	TOT ADJ	CURRENT FMV	EXMPT
1	LUV..	LU FST	81.990	81.990	2,384	4,500.00	2,384.99	.00	.00	53.00	.00	.00	53.00	195,546	
				81.990		500.00				LU ADJ & VALUE..			.00	40,995	

GASTON COUNTY, NC

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PAGE 1

LINEBERGER J HAROLD & OTHERS

LINEBERGER J HAROLD & OTHERS

NBHD: 4A008 127822

ROUTE#: 9

203 N MAIN ST

203 N MAIN ST

3565-98-2999

BELMONT NC 28012-0000

BELMONT NC 28012-0000

EAST DR

1380134

1380134

EXCD:

3565 98 2999 00 00

Appr Date:

APPR: APPR DT:

LAND VALUE 54,129 7,160

Eff Yr:

USE CODE: 818F FOREST USE DEF

MISC VALUE 0

Act Yr Bt:

DISTRICT: 210 LOWELL CITY

BLDG VALUE 0

Bth/ HBth

NBHD: 4A008 CHURCH ST S. LOWEL

TOTAL VALUE 54,129 7,160

ASV SqFt

Sales SqFt

2017 PRIOR YEAR 54,129 7,160

05 006 009 01 000

Plat Bk/Pg

Bldg No. Appraiser:

Imp Desc:

Grade :

Stories/ Rms/

Finished Area:

COMPONENT TYPE/CODE/DESC PCT UNITS RATE STR# STR% SIZ% HGT% PER% CDS% COST %CMPL

PROPERTY NOTES:

BOOK PAGE DT DATE QS SALES PRICE
4801 2043 WD 8/21/2015 C
4720 0230 SWD 3/19/2014 C
PERMIT NO TYPE DATE AMOUNT

BLDG CODE DESC UNITS EYB DT PCT ADD.DEPR PCT QGCD VALUE EXCD %COMP
.00
.00
.00
.00

LND # ZONE LAND TYPE/CODE LAND QTY LAND ACRES VALUE PER ACRE: 3,779
LAND RATE ADJ LAND RATE TOP% LOC% SIZ% SHP% OTH% TOT CURRENT EXMPT
1 LUV.. LU FST 14.320 14.320 4,500.00 3,779.95 .00 .00 84.00 .00 .00 84.00 54,129
LU ADJ & VALUE.. .00 7,160

127822

EAST DR

* GASTON COUNTY, NC YR 2018 REQUESTED BY DTURBYFI RUN 8/15/17 TIME 10:17:57 PAGE 1
 LINEBERGER J HAROLD & OTHERS LINEBERGER J HAROLD & OTHERS NBHD: 5AG38 137876
 203 N MAIN ST 203 N MAIN ST 3566-60-5290 ROUTE#: 94
 BELMONT NC 28012-0000 BELMONT NC 28012-0000 LOG CABIN DR
 1380134 1380134 EXCD: 3566 60 5290 00 00
 Bldg No. Appraiser: Appr Date: APPR: APPR DT: LAND VALUE 39,500 10,255
 Imp Desc: Eff Yr: USE CODE: 818F FOREST USE DEF MISC VALUE 0
 Grade : Act Yr Bt: DISTRICT: 180 GASTONIA CITY BLDG VALUE 0
 Stories/ Rms/ Bed/ Bth/ HBth NBHD: 5AG38 ABERDEEN BLVD AREA TOTAL VALUE 39,500 10,255
 Finished Area: ASV SqFt Sales SqFt 2017 PRIOR YEAR 39,500 10,255

COMPONENT TYPE/CODE/DESC PCT UNITS RATE STR# STR% SIZ% HGT% PER% CDS% COST %CMPL

PROPERTY NOTES:

BOOK PAGE DT DATE QS SALES PRICE
 4801 2043 WD 8/21/2015 C
 4720 0230 SWD 3/19/2014 C
PERMIT NO TYPE DATE AMOUNT

BLDG CODE	DESC	UNITS	EYB	DT	PCT	ADD.DEPR	PCT	QGCD	VALUE	EXCD	%COMP					
LND #	ZONE	LAND TYPE/CODE	TOTAL ACRES	LAND QTY	LAND ACRES	VALUE PER ACRE	ADJ	LAND RATE	TOP%	LOC%	SIZ%	SHP%	OTH%	TOT ADJ	CURRENT FMV	EXMPT
1	LUV..	LU AC RL	18.130	16.430	16.430	2,178		2,279.97	.00	.00	76.00	.00	.00	76.00	37,460	
2		LU FST			16.430			500.00			LU ADJ & VALUE..			.00	8,215	
		AC FP		1.700	1.700			1,200.00	.00	.00	.00	.00	.00	.00	2,040	

GASTON COUNTY, NC

YR 2018

REQUESTED BY DTURBYFI

RUN 8/15/17 TIME 10:18:17

PAGE 1

LINEBERGER J HAROLD & OTHERS

LINEBERGER J HAROLD & OTHERS

NBHD: 4A002 138012

203 N MAIN ST

203 N MAIN ST

3565-79-3476

ROUTE#: 138

BELMONT NC 28012-0000

BELMONT NC 28012-0000

3301 LINEBERGER RD

1380134

1380134

EXCD:

3565 79 3476 00 00

10 037 001 00 000

Plat Bk/Pg

Bldg No. 1 Appraiser: ER Appr Date:

Imp Desc: ST06 COLONIAL Eff Yr:

Grade : D- BELOW AVERAGE QLTY 7 Act Yr Bt: 1890

1.74 Stories/ 8 Rms/ 3 Bed/ 1.0 Bth/ HBth

Finished Area: 1,879.00 ASV SqFt 294.80

APPR: DY APPR DT: 11/22/2013

USE CODE: 818F FOREST USE DEF

DISTRICT: 180 GASTONIA CITY

NBHD: 4A002 WESTSIDE LOWELL

Sales SqFt 2017

LAND VALUE 512,677

MISC VALUE 0

BLDG VALUE 41,260

TOTAL VALUE 553,937

PRIOR YEAR 553,937

115,005

0

41,260

156,265

156,265

COMPONENT	TYPE/CODE/DESC	PCT	UNITS	RATE	STR#	STR%	SIZ%	HGT%	PER%	CDS%	COST	%CMLP
AC R11	COVERED PORCH	100	280.00	25.05			98.00				6,873	
AC R11	COVERED PORCH	100	70.00	25.05			102.00				1,788	
AC R12	ENCLOSED PORCH FRAME	100	144.00	41.85			100.00				6,026	
MA R2	RES 2 STORY	100	1080.00	75.00	1.74		81.00			105	68,889	
MA R2	(UPPER FLOORS)	100	799.00	75.00	1.74	85.00	81.00			105	43,320	
- AR 104	PERSONAL HTNG UNITS	100	1879.00	3.00-			81.00				4,565-	
- EW 200	WOOD SIDINGS	100	1080.00	.00			81.00				0	
- FC 300	TYPICAL COMBNATION F100	100	1080.00	.00							0	
- FN 400	CONT FOOTINGS W/PERM100	100	1080.00	.00			81.00				0	
- FO Y	FIREPLACE OPENING	0	2.00	1800.00							3,600	
- FS Y	FIREPLACE STACK	0	2.00	1800.00							3,600	
- IF 500	TYPICAL FINISH FOR P100	100	1080.00	.00							0	
- PL BAS	BASE FIXTURES ONLY	100	1.00	.00							0	
- PL STE	SITE PREP/UTIL/FIN	100	1.00	8000.00							8,000	
- RC 600	COMPOSITN/ASPHLT/FIB100	100	1080.00	.00							0	
- RT 03	DOUBLE PITCH	100	1080.00	.00							0	

RCN...	PCT COMPLETE	100	x								137,531	
QUAL.. QG D-	BELOW AVERAGE QLTY 7	75.00	x								103,148	
DEPR.. FR	FAIR CDU	60.00	-						61,888		61,888	T
--FMV... MKT 4A002	WESTSIDE LOWELL	100.00	x								41,260	EXCD:

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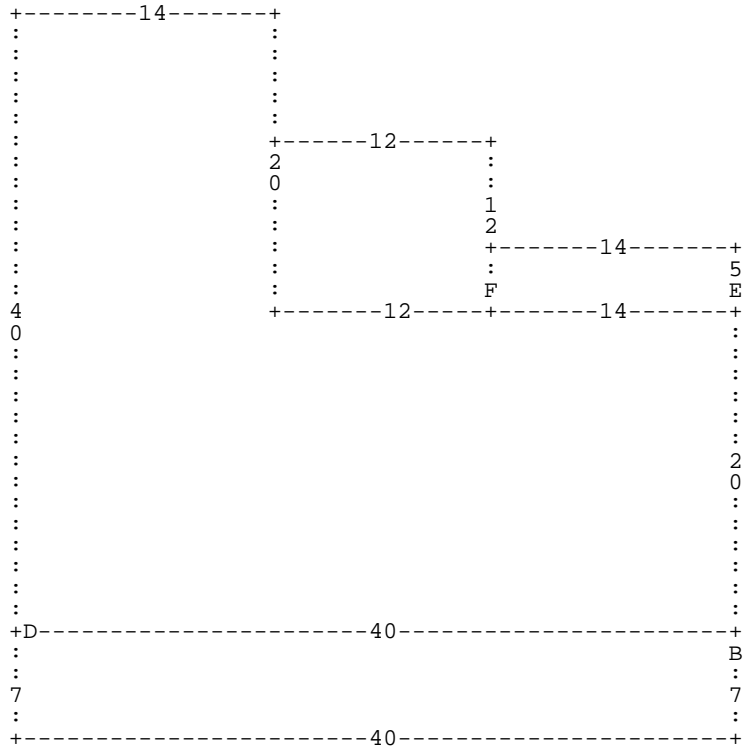
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4720	0230	SWD	3/19/2014	C	
PERMIT NO		TYPE	DATE		AMOUNT

BLDG CODE	DESC	UNITS	EYB DT	PCT	ADD.DEPR	PCT	QGCD	VALUE	EXCD	%COMP
				.00						
				.00						
				.00						
				.00						

LND #	ZONE	LAND TYPE/CODE	TOTAL ACRES: LAND QTY	202.110 LAND ACRES	VALUE PER ACRE: LAND RATE	2,536 ADJ LAND RATE	TOP%	LOC%	SIZ%	SHP%	OTH%	TOT ADJ	CURRENT FMV	EXMPT
1		AC RB	1.000	1.000	24,000.00	14,400.00	.00	75.00	80.00	.00	.00	60.00	14,400	
3		AC RL	188.290	188.290	6,000.00	2,524.19	85.00	.00	50.00	.00	99.00	42.07	475,281	
	LUV..	LU FST		188.290	500.00					LU ADJ & VALUE..		.00	94,145	
4		AC *OVR*	.100	.100	.00	1,000.00	.00	.00	.00	.00	.00	.00	100	
5		AC FP	12.720	12.720	2,400.00	1,800.00	.00	75.00	.00	.00	.00	75.00	22,896	
	LUV..	LU FST		12.720	500.00					LU ADJ & VALUE..		.00	6,360	

138012

3301 LINEBERGER RD



B= AC R11 COVERED PORCH
 D= MA R2 RES 2 STORY

E= AC R11 COVERED PORCH

F= AC R12 ENCLOSED PORCH FRAME

APPENDIX B
ENVIRONMENTAL DATA RESOURCES
DATABASE REPORT

Lineberger Property

North Carolina

Gastonia, NC 28054

Inquiry Number: 5326017.2s

June 08, 2018

The EDR Radius Map™ Report with GeoCheck®



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

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 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
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Physical Setting Source Records Searched	PSGR-1

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

NORTH CAROLINA
GASTONIA, NC 28054

COORDINATES

Latitude (North): 35.2671720 - 35° 16' 1.81"
Longitude (West): 81.1175170 - 81° 7' 3.06"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 489311.1
UTM Y (Meters): 3902480.0
Elevation: 759 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5948456 MOUNT HOLLY, NC
Version Date:	2013
Southeast Map:	5947855 BELMONT, NC
Version Date:	2013
Southwest Map:	5947869 GASTONIA SOUTH, NC
Version Date:	2013
Northwest Map:	5947867 GASTONIA NORTH, NC
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140524
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
NORTH CAROLINA
GASTONIA, NC 28054

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	BEAUNIT CORP/DYEING		NC HSDS	Same	4552, 0.862, ENE
Reg	CROMPTON & KNOWLES C		NC HSDS	Same	4722, 0.894, NE
1	BEAUNIT CORP./DYING	LINEBERGER STREET	SHWS, IMD	Higher	1 ft.
2	KNIGHT TRANSPORTATIO	I-85 S MILE MARKER 2	LAST	Lower	266, 0.050, SW
3	RANLO UNION 76 STATI	2879 LOWELL RD	EDR Hist Auto	Higher	380, 0.072, North
A4	O'QUINN ORBIT SERVIC	2815 LOWELL ROAD	LUST	Higher	381, 0.072, North
A5	O QUINNS SHELL SERVI	2813 LOWELL RD	EDR Hist Auto	Higher	385, 0.073, NNW
A6	O'QUINNS ORBITS SERV	2813 LOWELL RD.	UST	Higher	385, 0.073, NNW
B7	BRASWELL AUTOMOTIVE	903 WEST FIRST STREE	LUST	Higher	665, 0.126, NE
B8	FORMER BILLUPS STATI	903 W 1ST STREET	UST	Higher	665, 0.126, NE
B9	ACE WASTE OIL CO	903 W 1ST	RCRA NonGen / NLR	Higher	665, 0.126, NE
C10	PICK'S USED CARS	2769 LOWELL ROAD	UST	Higher	720, 0.136, NNW
C11	RANLO UNION 76 SERVI	2768 LOWELL ROAD	IMD	Higher	724, 0.137, NNW
C12	RANLO UNION 76 SERVI	2768 LOWELL ROAD	LUST, LUST TRUST	Higher	724, 0.137, NNW
13	PHARR YARNS UNITED S	700 W FIRST ST	RCRA-CESQG, UST	Higher	962, 0.182, ENE
14	DOUG'S DIESEL	2999 ABERDEEN BOULEV	LAST	Lower	1030, 0.195, West
15	BENFIELD RESIDENCE	1004 S. CHURCH STREE	LUST, IMD	Lower	1227, 0.232, SSE
16	WASTE MANAGEMENT - C	2712 LOWELL ROAD	SWF/LF, HIST LF, SWRCY, Financial Assurance	Higher	1560, 0.295, North
17	PETRO EXPRESS 59	3794 EAST FRANKLIN B	LUST, IMD	Lower	1592, 0.302, SSE
18	LOWELL REFUSE DUMP	N MAIN ST CONTINUE L	OLI	Lower	1629, 0.309, NNE
D19	SONNY HANCOCK NISSAN	2755 EAST FRANKLIN A	UST, IMD	Lower	1822, 0.345, SW
D20	SONNY HANCOCK NISSAN	2775 E. FRANKLIN BLV	LUST	Lower	1822, 0.345, SW
E21	CONNER'S DISCOUNT BE	3900 WILKINSON BLVD	LUST, UST, IMD	Lower	1830, 0.347, SSE
D22	NISSAN WEST 2	2755 EAST FRANKLIN B	LUST	Lower	1847, 0.350, SW
D23	NISSAN WEST	2755 EAST FRANKLIN B	LUST	Lower	1847, 0.350, SW
E24	SONNY HANCOCK MAZDA	3942 E. FRANKLIN BLV	LUST, IMD	Lower	1884, 0.357, SSE
25	NCDOT SR 2200	I-85 AND COX RD	LUST, IMD	Lower	1913, 0.362, West
26	CIRCLE K 2723972	516 COX ROAD	LUST, UST, Financial Assurance	Higher	1938, 0.367, West
F27	PUBLIC SERVICE COMPA	400 COX ROAD	LUST, LUST TRUST, UST, IMD	Lower	2151, 0.407, WSW
28	PLASTIC MATERIALS, I	210 ASH STREET	SWRCY	Higher	2169, 0.411, ENE
F29	GASTON MALL	401 COX ROAD	LUST	Lower	2179, 0.413, WSW
30	GREENE'S TINY MART,	550 COX ROAD	LUST, UST, IMD	Higher	2204, 0.417, West
G31	PETRO EXPRESS #16 (F	2483 EAST FRANKLIN B	LUST, LUST TRUST, IMD	Lower	2457, 0.465, WSW
G32	CIRCLE K 2723934	2483 E FRANKLIN BLVD	LUST TRUST, UST, IMD, Financial Assurance, UIC	Lower	2457, 0.465, WSW
H33	SOUTHERN BELL/HONEY	REMOUNT ROAD	LUST, IMD	Lower	2461, 0.466, West
H34	FORMER REMOUNT ROAD	2300 REMOUNT RD	LUST, NPDES	Lower	2541, 0.481, West
35	HAYS DIV OF ROMAC IN	LOWELL HWY 7	RCRA-TSDF, SHWS, RCRA NonGen / NLR	Higher	4186, 0.793, NW
36	CERTIFIED PLATING	2738 E OZARK PLATING	SHWS	Higher	4793, 0.908, NW

EXECUTIVE SUMMARY

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

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

EXECUTIVE SUMMARY

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

AST..... AST Database

INDIAN UST..... Underground Storage Tanks on Indian Land

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

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

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS..... Spills Incident Listing

EXECUTIVE SUMMARY

SPILLS 90..... SPILLS 90 data from FirstSearch
SPILLS 80..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List
RGA LF..... Recovered Government Archive Solid Waste Facilities List
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 12/11/2017 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>PHARR YARNS UNITED S</i>	<i>700 W FIRST ST</i>	<i>ENE 1/8 - 1/4 (0.182 mi.)</i>	<i>13</i>	<i>26</i>

State- and tribal - equivalent NPL

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

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

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BEAUNIT CORP/DYEING		ENE 1/2 - 1 (0.862 mi.)	0	8
CROMPTON & KNOWLES C		NE 1/2 - 1 (0.894 mi.)	0	8

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 02/09/2018 has revealed that there are 3 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BEAUNIT CORP./DYING Facility Id: NCD980559637	LINEBERGER STREET	0 - 1/8 (0.000 mi.)	1	8
HAYS DIV OF ROMAC IN Facility Id: NONCD0001012	LOWELL HWY 7	NW 1/2 - 1 (0.793 mi.)	35	88
CERTIFIED PLATING Facility Id: NCN000409889	2738 E OZARK PLATING	NW 1/2 - 1 (0.908 mi.)	36	92

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

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environment & Natural Resources' List of Solid Waste Facility Contacts in Alpha Order.

A review of the SWF/LF list, as provided by EDR, and dated 09/28/2017 has revealed that there is 1 SWF/LF 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>
WASTE MANAGEMENT - C Facility Status: Open Permit Num: 3608-TRANSFER-1993	2712 LOWELL ROAD	N 1/4 - 1/2 (0.295 mi.)	16	34

OLI: Old Landfill Inventory Database.

A review of the OLI list, as provided by EDR, and dated 08/15/2017 has revealed that there is 1 OLI site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOWELL REFUSE DUMP Facility Id: NONCD0000323	N MAIN ST CONTINUE L	NNE 1/4 - 1/2 (0.309 mi.)	18	37

EXECUTIVE SUMMARY

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 02/02/2018 has revealed that there are 18 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>
O'QUINN ORBIT SERVIC Incident Phase: Closed Out Incident Number: 40681 Current Status: File Located in House	2815 LOWELL ROAD	N 0 - 1/8 (0.072 mi.)	A4	11
BRASWELL AUTOMOTIVE Incident Phase: Closed Out Incident Number: 36197 Current Status: File Located in Archives	903 WEST FIRST STREE	NE 1/8 - 1/4 (0.126 mi.)	B7	16
RANLO UNION 76 SERVI Incident Phase: Response Incident Number: 15695 Current Status: File Located in House	2768 LOWELL ROAD	NNW 1/8 - 1/4 (0.137 mi.)	C12	24
CIRCLE K 2723972 Incident Phase: Closed Out Incident Number: 36290 Current Status: File Located in Archives	516 COX ROAD	W 1/4 - 1/2 (0.367 mi.)	26	54
GREENE'S TINY MART, Incident Phase: Closed Out Incident Number: 27628 Current Status: File Located in Archives	550 COX ROAD	W 1/4 - 1/2 (0.417 mi.)	30	67
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BENFIELD RESIDENCE Incident Phase: Closed Out Incident Number: 17402 Current Status: File Located in Archives	1004 S. CHURCH STREE	SSE 1/8 - 1/4 (0.232 mi.)	15	31
PETRO EXPRESS 59 Incident Number: 27642 Current Status: File Located in House	3794 EAST FRANKLIN B	SSE 1/4 - 1/2 (0.302 mi.)	17	34
SONNY HANCOCK NISSAN Incident Phase: Closed Out Incident Number: 11752 Current Status: File Located in Archives	2775 E. FRANKLIN BLV	SW 1/4 - 1/2 (0.345 mi.)	D20	40
CONNER'S DISCOUNT BE Incident Phase: Closed Out Incident Number: 27389 Current Status: File Located in Archives	3900 WILKINSON BLVD	SSE 1/4 - 1/2 (0.347 mi.)	E21	41
NISSAN WEST 2 Incident Phase: Closed Out Incident Number: 40176	2755 EAST FRANKLIN B	SW 1/4 - 1/2 (0.350 mi.)	D22	46

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Current Status: File Located in Archives				
NISSAN WEST	2755 EAST FRANKLIN B	SW 1/4 - 1/2 (0.350 mi.)	D23	47
Incident Phase: Closed Out				
Incident Number: 36777				
Current Status: File Located in Archives				
SONNY HANCOCK MAZDA	3942 E. FRANKLIN BLV	SSE 1/4 - 1/2 (0.357 mi.)	E24	49
Incident Phase: Closed Out				
Incident Number: 11753				
Current Status: File Located in Archives				
NCDOT SR 2200	I-85 AND COX RD	W 1/4 - 1/2 (0.362 mi.)	25	52
Incident Number: 27427				
Current Status: File Located in Archives				
PUBLIC SERVICE COMPA	400 COX ROAD	WSW 1/4 - 1/2 (0.407 mi.)	F27	58
Incident Phase: Closed Out				
Incident Number: 27650				
Incident Number: 8416				
Current Status: File Located in Archives				
GASTON MALL	401 COX ROAD	WSW 1/4 - 1/2 (0.413 mi.)	F29	65
Incident Phase: Closed Out				
Incident Number: 36406				
Current Status: File Located in Archives				
PETRO EXPRESS #16 (F)	2483 EAST FRANKLIN B	WSW 1/4 - 1/2 (0.465 mi.)	G31	72
Incident Phase: Closed Out				
Incident Number: 10692				
Incident Number: 22439				
Incident Number: 27858				
Current Status: File Located in Archives				
Current Status: File Located in House				
SOUTHERN BELL/HONEY	REMOUNT ROAD	W 1/4 - 1/2 (0.466 mi.)	H33	83
Incident Phase: Closed Out				
Incident Number: 3560				
Current Status: File Located in Archives				
FORMER REMOUNT ROAD	2300 REMOUNT RD	W 1/4 - 1/2 (0.481 mi.)	H34	86
Incident Phase: Closed Out				
Incident Number: 40638				
Current Status: File Located in Archives				

LAST: A listing of leaking aboveground storage tank site locations.

A review of the LAST list, as provided by EDR, and dated 02/02/2018 has revealed that there are 2 LAST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KNIGHT TRANSPORTATIO Close Out: 05/10/2011 Incident Number: 91141 Current Status: A	I-85 S MILE MARKER 2	SW 0 - 1/8 (0.050 mi.)	2	9
DOUG'S DIESEL Close Out: 03/06/2012 Incident Number: 91102	2999 ABERDEEN BOULEV	W 1/8 - 1/4 (0.195 mi.)	14	29

EXECUTIVE SUMMARY

Current Status: A

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 12/29/2017 has revealed that there are 4 LUST TRUST 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>
RANLO UNION 76 SERVI Facility Id: 0-015917 Site ID: 15695	2768 LOWELL ROAD	NNW 1/8 - 1/4 (0.137 mi.)	C12	24
Lower Elevation	Address	Direction / Distance	Map ID	Page
PUBLIC SERVICE COMPA Facility Id: 0-016289 Site ID: 8416	400 COX ROAD	WSW 1/4 - 1/2 (0.407 mi.)	F27	58
PETRO EXPRESS #16 (F) Facility Id: 0-002794 Site ID: 27858	2483 EAST FRANKLIN B	WSW 1/4 - 1/2 (0.465 mi.)	G31	72
CIRCLE K 2723934 Facility Id: 0-002794 Site ID: 10692	2483 E FRANKLIN BLVD	WSW 1/4 - 1/2 (0.465 mi.)	G32	78

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 02/02/2018 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>
O'QUINNS ORBITS SERV Tank Status: Removed Facility Id: 00-0-0000015255	2813 LOWELL RD.	NNW 0 - 1/8 (0.073 mi.)	A6	14
FORMER BILLUPS STATI Tank Status: Abandoned Facility Id: 00-0-0000016846	903 W 1ST STREET	NE 1/8 - 1/4 (0.126 mi.)	B8	17
PICK'S USED CARS Tank Status: Removed Facility Id: 00-0-0000003689	2769 LOWELL ROAD	NNW 1/8 - 1/4 (0.136 mi.)	C10	21
PHARR YARNS UNITED S Tank Status: Removed Facility Id: 00-0-0000030125	700 W FIRST ST	ENE 1/8 - 1/4 (0.182 mi.)	13	26

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF: A listing of solid waste facilities.

A review of the HIST LF list, as provided by EDR, and dated 11/06/2006 has revealed that there is 1 HIST LF 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>
WASTE MANAGEMENT - C Facility Status: OPEN Facility Id: P0512	2712 LOWELL ROAD	N 1/4 - 1/2 (0.295 mi.)	16	34

SWRCY: A listing of recycling center locations.

A review of the SWRCY list, as provided by EDR, and dated 05/03/2018 has revealed that there are 2 SWRCY 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>
WASTE MANAGEMENT - C	2712 LOWELL ROAD	N 1/4 - 1/2 (0.295 mi.)	16	34
PLASTIC MATERIALS, I	210 ASH STREET	ENE 1/4 - 1/2 (0.411 mi.)	28	65

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 13 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>
BEAUNIT CORP./DYING Facility Id: 86049	LINEBERGER STREET	0 - 1/8 (0.000 mi.)	1	8
RANLO UNION 76 SERVI Facility Id: 15695	2768 LOWELL ROAD	NNW 1/8 - 1/4 (0.137 mi.)	C11	22
GREENE'S TINY MART, Facility Id: 27628	550 COX ROAD	W 1/4 - 1/2 (0.417 mi.)	30	67
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BENFIELD RESIDENCE Facility Id: 17402	1004 S. CHURCH STREE	SSE 1/8 - 1/4 (0.232 mi.)	15	31
PETRO EXPRESS 59 Facility Id: 27642	3794 EAST FRANKLIN B	SSE 1/4 - 1/2 (0.302 mi.)	17	34
SONNY HANCOCK NISSAN Facility Id: 11752	2755 EAST FRANKLIN A	SW 1/4 - 1/2 (0.345 mi.)	D19	37
CONNER'S DISCOUNT BE	3900 WILKINSON BLVD	SSE 1/4 - 1/2 (0.347 mi.)	E21	41

EXECUTIVE SUMMARY

Facility Id: 27389				
SONNY HANCOCK MAZDA	3942 E. FRANKLIN BLV	SSE 1/4 - 1/2 (0.357 mi.)	E24	49
Facility Id: 11753				
NCDOT SR 2200	I-85 AND COX RD	W 1/4 - 1/2 (0.362 mi.)	25	52
Facility Id: 27427				
PUBLIC SERVICE COMPA	400 COX ROAD	WSW 1/4 - 1/2 (0.407 mi.)	F27	58
Facility Id: 27650				
Facility Id: 8416				
PETRO EXPRESS #16 (F	2483 EAST FRANKLIN B	WSW 1/4 - 1/2 (0.465 mi.)	G31	72
Facility Id: 10692				
CIRCLE K 2723934	2483 E FRANKLIN BLVD	WSW 1/4 - 1/2 (0.465 mi.)	G32	78
Facility Id: 22439				
SOUTHERN BELL/HONEY	REMOUNT ROAD	W 1/4 - 1/2 (0.466 mi.)	H33	83
Facility Id: 3560				

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/11/2017 has revealed that there is 1 RCRA NonGen / NLR site 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>
ACE WASTE OIL CO	903 W 1ST	NE 1/8 - 1/4 (0.126 mi.)	B9	20

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RANLO UNION 76 STATI	2879 LOWELL RD	N 0 - 1/8 (0.072 mi.)	3	11

EXECUTIVE SUMMARY

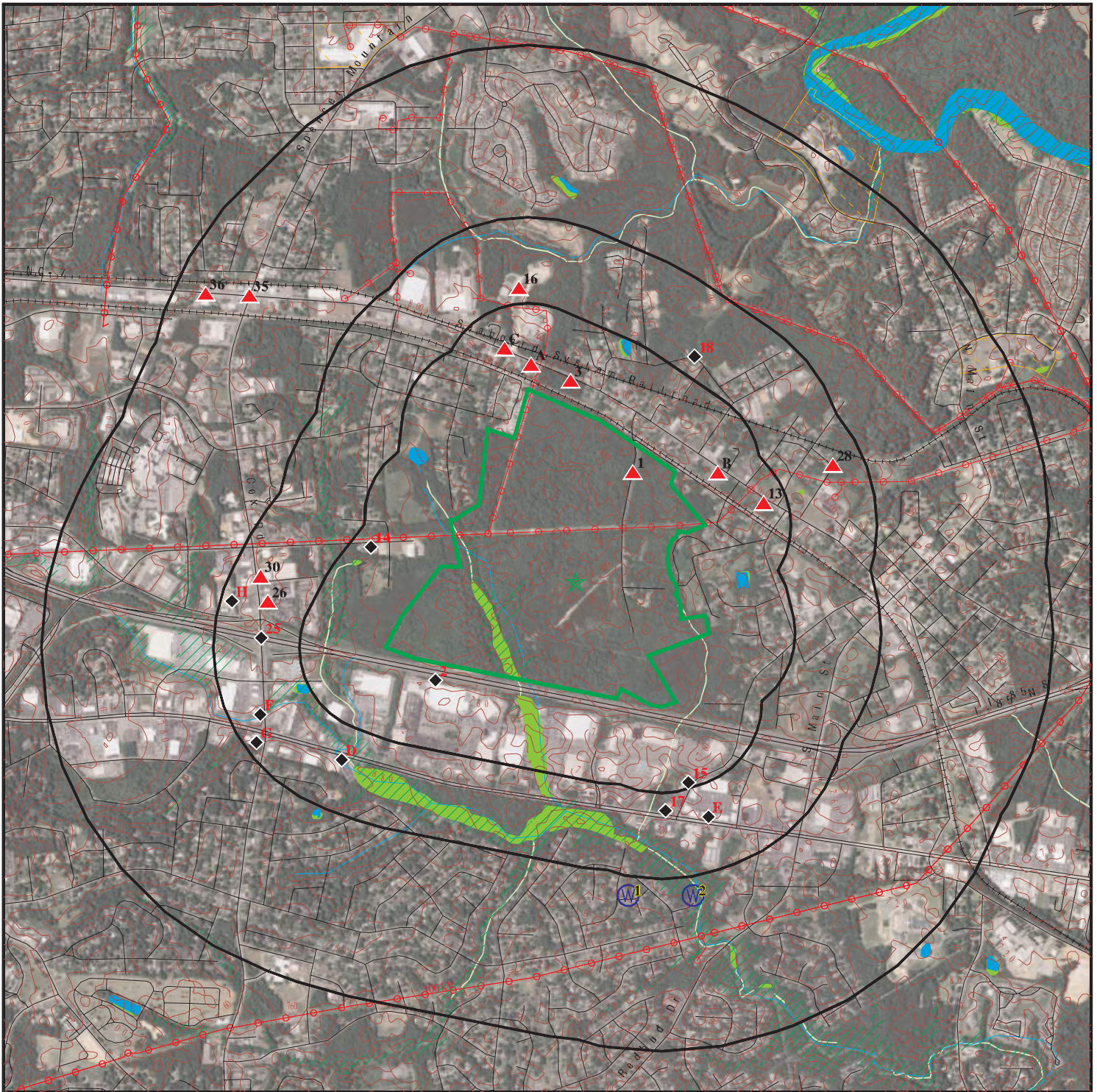
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
O QUINNS SHELL SERVI	2813 LOWELL RD	NNW 0 - 1/8 (0.073 mi.)	A5	13

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

<u>Site Name</u>	<u>Database(s)</u>
BEAUNIT CORP/DYEING & FINISHING PL	SEMS-ARCHIVE
MUFFLER BRAKE SHOP	LUST TRUST
SERVCO NO. 02012	LUST TRUST
SIMS LEGION PARK LF	OLI

OVERVIEW MAP - 5326017.2S



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

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

Hazardous Substance Disposal Sites



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

SITE NAME: Lineberger Property
 ADDRESS: North Carolina
 Gastonia NC 28054
 LAT/LONG: 35.267172 / 81.117517

CLIENT: Kimley-Horn & Associates, Inc
 CONTACT: Kenny Jesensky
 INQUIRY #: 5326017.2s
 DATE: June 08, 2018 12:08 pm

DETAIL MAP - 5326017.2S



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

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Hazardous Substance Disposal Sites

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

SITE NAME: Lineberger Property
 ADDRESS: North Carolina
 Gastonia NC 28054
 LAT/LONG: 35.267172 / 81.117517

CLIENT: Kimley-Horn & Associates, Inc
 CONTACT: Kenny Jesensky
 INQUIRY #: 5326017.2s
 DATE: June 08, 2018 12:08 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	1	NR	NR	NR	1
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
NC HSDS	1.000		0	0	0	2	NR	2
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		1	0	0	2	NR	3
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	1	NR	NR	1
OLI	0.500		0	0	1	NR	NR	1
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		1	3	14	NR	NR	18

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
LAST	0.500		1	1	0	NR	NR	2
INDIAN LUST	0.500		0	0	0	NR	NR	0
LUST TRUST	0.500		0	1	3	NR	NR	4
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		1	3	NR	NR	NR	4
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
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
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
HIST LF	0.500		0	0	1	NR	NR	1
SWRCY	0.500		0	0	2	NR	NR	2
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
IMD	0.500		1	2	10	NR	NR	13
SPILLS 90	0.001		0	NR	NR	NR	NR	0
SPILLS 80	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1

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
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
AOP	0.001		0	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	7	12	32	4	0	55

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

HSDS
Region
ENE
1/2-1
4552 ft.

BEAUNIT CORP/DYEING & FINISHING
, NC

NC HSDS **S102442707**
N/A

HSDS:

Site Type: Federal
Superfund ID: 980 559 637
Lat/Long: 35 16 36.253234 81 5 43.630074
Total area in coverage units: 64694.4335938
Total perimeter in coverage units: 1178.8428955
X-value coordinate in feet: 1374640.5
Y-value coordinate in feet: 562229.6875
Sites designated as superfund cleanup sites: 611
Length of feature in internal units: 1178.84305212
Area of feature in internal units squared: 64694.4332891

HSDS
Region
NE
1/2-1
4722 ft.

CROMPTON & KNOWLES CORP
, NC

NC HSDS **S102442696**
N/A

HSDS:

Site Type: Federal
Superfund ID: 044 444 735
Lat/Long: 35 17 7.530905 81 6 16.205058
Total area in coverage units: 163870.84375
Total perimeter in coverage units: 1794.803833
X-value coordinate in feet: 1372007.75
Y-value coordinate in feet: 565448.0625
Sites designated as superfund cleanup sites: 605
Length of feature in internal units: 1794.80386581
Area of feature in internal units squared: 163870.865429

1
< 1/8
1 ft.

BEAUNIT CORP./DYING & FINISHING
LINEBERGER STREET
LOWELL, NC

SHWS **S103554222**
IMD **N/A**

SHWS:

Relative:
Higher
Actual:
809 ft.

EPAID: NCD980559637
Lat/Longitude: 35.27721 / -81.09512
Geolocation Method: On Screen Placement On Georeferenced Map

IMD:

Region: MOR
Facility ID: 86049
Date Occurred: 1/15/2002
Submit Date: 1/15/2002
GW Contam: No data entered (data entry person submitted a blank field)
Soil Contam: Not reported
Incident Desc: NO FILE AT MRO. INACTIVE HAZ WASTE SITE, CONTACT DWM IN RALEIGH FOR ADDITIONAL INFO.
Operator: ,
Contact Phone: Not reported
Owner Company: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEAUNIT CORP./DYING & FINISHING (Continued)

S103554222

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: 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: NOD
Agency: DWQ
Facility ID: 86049
Last Modified: 1/15/2002
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
SOC Sighned: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

2
SW
< 1/8
0.050 mi.
266 ft.

KNIGHT TRANSPORTATION SPILL
I-85 S MILE MARKER 21.5
GASTONIA, NC 28052

LAST **S110986973**
N/A

Relative:
Lower
Actual:
729 ft.

LAST:
Facility ID: Not reported
UST Number: MO-88308
Incident Number: 91141
Contamination Type: SL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNIGHT TRANSPORTATION SPILL (Continued)

S110986973

Source Type: Not reported
Product Type: P
Date Reported: 04/07/2011
Date Occur: 02/14/2011
Cleanup: Not reported
Closure Request: Not reported
Close Out: 05/10/2011
Level Of Soil Cleanup Achieved: S3
Tank Regulated Status: Not reported
Of Supply Wells: 0
Commercial/NonCommercial UST Site: Not reported
Risk Classification: U
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
MTBE: No
MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: A
RBCA GW: Not reported
PETOPT: 3
RPL: False
CD Num: 551
Reel Num: 0
RPOW: True
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Lat/Long: 35 15 47.16 81 7 28.92
Lat/Long Decimal: 35.26310 -81.12470
Testlat: Not reported
Regional Officer Project Mgr: BCN
Region: MOR
Company: KNIGHT TRANSPORTATION
Contact Person: Not reported
Telephone: 6022692000
RP Address: 5601 W. BUCKEYE ROIAD
RP City,St,Zip: PHOENIX, AZ 85043
RP County: Not reported
Comments: Not reported
5 Min Quad: Not reported

PIRF:
Facility Id: 91141
Date Occurred: 2/14/2011
Date Reported: 4/7/2011
Description Of Incident: Not reported
Owner/Operator: Not reported
Ownership: 4

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KNIGHT TRANSPORTATION SPILL (Continued)

S110986973

Operation Type:	Not reported
Type:	Not reported
Location:	8
Site Priority:	Not reported
Priority Update:	Not reported
Wells Affected Y/N:	N
Wells Affected Number:	Not reported
Samples Taken By:	Y
Samples Include:	Not reported
7#5 Min Quad:	Not reported
5 Min Quad:	Not reported
Pirf/Min Soil:	Not reported
Release Code:	Not reported
Cause:	Not reported
Source:	Not reported
Source Type:	Not reported
Last Modified:	5/10/2011
Incident Phase:	CO
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

3
 North
 < 1/8
 0.072 mi.
 380 ft.

RANLO UNION 76 STATION
2879 LOWELL RD
GASTONIA, NC 28052

EDR Hist Auto 1020554053
N/A

Relative:
Higher

EDR Hist Auto

Actual:
797 ft.

Year:	Name:	Type:
1973	RANLO UNION 76 STATION	Gasoline Service Stations
1974	RANLO UNION 76 STATION	Gasoline Service Stations
1975	RANLO UNION 76 STATION	Gasoline Service Stations
1976	RANLO UNION 76 STATION	Gasoline Service Stations
1977	RANLO UNION 76 STATION	Gasoline Service Stations

A4
 North
 < 1/8
 0.072 mi.
 381 ft.

O'QUINN ORBIT SERVICE
2815 LOWELL ROAD
GASTONIA, NC 28054

LUST S120839811
N/A

Site 1 of 3 in cluster A

Relative:
Higher

LUST:

Actual:
774 ft.

Facility ID:	00-0-000	
UST Number:	MO-9212	
Incident Number:	40681	
Contamination Type:		SL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

O'QUINN ORBIT SERVICE (Continued)

S120839811

Source Type: Leak-underground
Product Type: P
Date Reported: 12/19/2016
Date Occur: 11/16/2016
Cleanup: 12/19/2016
Closure Request: Not reported
Close Out: 05/25/2017
Level Of Soil Cleanup Achieved: Soil to Groundwater
Tank Regulated Status: R
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: 1
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: 05/11/2017
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: True
RPOP: False
Error Flag: 0
Error Code: N
Valid: True
Lat/Long Decimal: 35.2762 -81.1196
Testlat: Not reported
Regional Officer Project Mgr: BCN
Region: MOR
Company: Not reported
Contact Person: j.a. o'quinn jr.
Telephone: Not reported
RP Address: 317 moritz road
RP City,St,Zip: dallas, NC 28034
RP County: Not reported
Comments: Not reported
5 Min Quad: Not reported

PIRF:

Facility Id: 40681
Date Occurred: 2016-11-16 00:00:00
Date Reported: 2016-12-16 00:00:00
Description Of Incident: Not reported
Owner/Operator: Not reported
Ownership: 4
Operation Type: 6

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

O'QUINN ORBIT SERVICE (Continued)

S120839811

Type: 3
 Location: 1
 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: 3
 Cause: 7
 Source: A
 Ust Number: P

Last Modified: 2017-05-25 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

**A5
 NNW
 < 1/8
 0.073 mi.
 385 ft.**

**O QUINNS SHELL SERVICE
 2813 LOWELL RD
 GASTONIA, NC 28052**

**EDR Hist Auto 1020263671
 N/A**

Site 2 of 3 in cluster A

**Relative:
 Higher**

EDR Hist Auto

**Actual:
 776 ft.**

Year:	Name:	Type:
1969	O QUINNS ATLANTIC SV HOBBY SP	Gasoline Service Stations
1969	O QUINNS ATLANTIC SV HOBBY SP	Gasoline Service Stations
1970	O QUINNS ATLANTIC SV HOBBY SP	Gasoline Service Stations
1971	O QUINNS ATLANTIC SV HOBBY SP	Gasoline Service Stations
1972	O QUINNS ATLANTIC SV HOBBY SP	Gasoline Service Stations
1973	O QUINNS SHELL SERVICE	Gasoline Service Stations
1974	O QUINNS SHELL SERVICE	Gasoline Service Stations
1975	O QUINNS SHELL SERVICE	Gasoline Service Stations
1976	O QUINNS SHELL SERVICE	Gasoline Service Stations
1977	O QUINNS SHELL SERVICE	Gasoline Service Stations

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A6
NNW
< 1/8
0.073 mi.
385 ft.

O'QUINNS ORBITS SERVICE
2813 LOWELL RD.
LOWELL, NC 28054

UST **U001436912**
N/A

Site 3 of 3 in cluster A

Relative:
Higher
Actual:
776 ft.

UST:
 Facility Id: 00-0-0000015255
 Contact: J A Q'QUINN JR
 Contact Address1: 2813 LOWELL RD.
 Contact Address2: Not reported
 Contact City/State/Zip: GASTONIA, NC 28054
 FIPS County Desc: Gaston
 Latitude: 0
 Longitude: 0

Tank Id: 1
 Tank Status: Removed
 Installed Date: 05/07/1966
 Perm Close Date: 07/06/1989
 Product Name: Gasoline, Gas Mix
 Tank Capacity: 3000
 Root Tank Id: Not reported
 Main Tank: No
 Compartment Tank: No
 Manifold Tank: Not reported
 Commercial: Yes
 Regulated: Yes
 Other CP Tank: Not reported
 Overfill Protection Name: Unknown
 Spill Protection Name: Unknown
 Leak Detection Name: Unknown
 Decode for TCONS_KEY: Single Wall Steel
 Decode for PCONS_KEY: Unknown
 Decode for PSYS_KEY: Unknown

Tank Id: 2
 Tank Status: Removed
 Installed Date: 05/07/1966
 Perm Close Date: 07/06/1989
 Product Name: Gasoline, Gas Mix
 Tank Capacity: 3000
 Root Tank Id: Not reported
 Main Tank: No
 Compartment Tank: No
 Manifold Tank: Not reported
 Commercial: Yes
 Regulated: Yes
 Other CP Tank: Not reported
 Overfill Protection Name: Unknown
 Spill Protection Name: Unknown
 Leak Detection Name: Unknown
 Decode for TCONS_KEY: Single Wall Steel
 Decode for PCONS_KEY: Unknown
 Decode for PSYS_KEY: Unknown

Tank Id: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

O'QUINNS ORBITS SERVICE (Continued)

U001436912

Tank Status: Removed
Installed Date: 05/06/1971
Perm Close Date: 07/06/1989
Product Name: Gasoline, Gas Mix
Tank Capacity: 2000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Unknown
Decode for PSYS_KEY: Unknown

Tank Id: 4
Tank Status: Removed
Installed Date: 05/07/1966
Perm Close Date: 07/06/1989
Product Name: Gasoline, Gas Mix
Tank Capacity: 1000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Unknown
Decode for PSYS_KEY: Unknown

Tank Id: 5
Tank Status: Removed
Installed Date: 05/07/1966
Perm Close Date: 07/06/1989
Product Name: Kerosene, Kero Mix
Tank Capacity: 500
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

O'QUINNS ORBITS SERVICE (Continued)

U001436912

Decode for TCONS_KEY: Single Wall Steel
 Decode for PCONS_KEY: Unknown
 Decode for PSYS_KEY: Unknown

**B7
 NE
 1/8-1/4
 0.126 mi.
 665 ft.**

**BRASWELL AUTOMOTIVE
 903 WEST FIRST STREET
 LOWELL, NC 28098
 Site 1 of 3 in cluster B**

**LUST S108407802
 N/A**

**Relative:
 Higher
 Actual:
 782 ft.**

LUST:
 Facility ID: Not reported
 UST Number: MO-7531
 Incident Number: 36197
 Contamination Type: GW
 Source Type: Leak-underground
 Product Type: P
 Date Reported: 12/19/2006
 Date Occur: 11/29/2006
 Cleanup: 11/29/2006
 Closure Request: Not reported
 Close Out: 05/30/2007
 Level Of Soil Cleanup Achieved: Industrial/Commercial
 Tank Regulated Status: R
 # Of Supply Wells: 0
 Commercial/NonCommercial UST Site: COMMERCIAL
 Risk Classification: U
 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: Residential
 MTBE: No
 MTBE1: Yes
 Flag: No
 Flag1: No
 LUR Filed: 05/08/2007
 Release Detection: 0
 Current Status: File Located in Archives
 RBCA GW: Cleanups to alternate standards
 PETOPT: 3
 RPL: False
 CD Num: 325
 Reel Num: 0
 RPOW: True
 RPOP: False
 Error Flag: 0
 Error Code: N
 Valid: False
 Lat/Long Decimal: 35.2717 -81.1100
 Testlat: Not reported
 Regional Officer Project Mgr: BCN
 Region: MOR
 Company: SUPERIOR PROPERTIES INC
 Contact Person: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRASWELL AUTOMOTIVE (Continued)

S108407802

Telephone: 7048643425
RP Address: POST OFFICE BOX 995
RP City,St,Zip: GASTONIA, NC 280530995
RP County: Not reported
Comments: GASOLINE, HEATING OIL/KEROSENE, AND WASTE OIL RELEASE
5 Min Quad: Not reported

PIRF:

Facility Id: 36197
Date Occurred: 2006-11-29 00:00:00
Date Reported: 2006-12-19 00:00:00
Description Of Incident: Not reported
Owner/Operator: Not reported
Ownership: 4
Operation Type: Not reported
Type: 3
Location: 1
Site Priority: Not reported
Priority Update: Not reported
Wells Affected Y/N: N
Samples Include: Not reported
7#5 Minute Quad: S
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: P

Last Modified: 2007-05-30 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

B8
NE
1/8-1/4
0.126 mi.
665 ft.

FORMER BILLUPS STATION #7782
903 W 1ST STREET
LOWELL, NC 28098
Site 2 of 3 in cluster B

UST U003144950
N/A

Relative:
Higher
Actual:
782 ft.

UST:
Facility Id: 00-0-0000016846
Contact: FORMER BILLUPS STATION-LOC #7782
Contact Address1: GASTONIA HIGHWAY
Contact Address2: Not reported
Contact City/State/Zip: LOWELL, NC 28098
FIPS County Desc: Gaston
Latitude: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER BILLUPS STATION #7782 (Continued)

U003144950

Longitude: 0

Tank Id: 2
Tank Status: Abandoned
Installed Date: 01/01/1964
Perm Close Date: 12/18/2006
Product Name: Oil, New/Used/Mix
Tank Capacity: 550
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Not reported
Decode for TCONS_KEY: Unknown
Decode for PCONS_KEY: Unknown
Decode for PSYS_KEY: Unknown

Tank Id: 3
Tank Status: Abandoned
Installed Date: 01/01/1964
Perm Close Date: 12/18/2006
Product Name: Heating Oil/Fuel
Tank Capacity: 550
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: No
Regulated: No
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Unknown
Decode for PCONS_KEY: Unknown
Decode for PSYS_KEY: Unknown

Tank Id: 4
Tank Status: Abandoned
Installed Date: 01/01/1964
Perm Close Date: 12/18/2006
Product Name: Heating Oil/Fuel
Tank Capacity: 550
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: No
Regulated: No
Other CP Tank: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER BILLUPS STATION #7782 (Continued)

U003144950

Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Unknown
Decode for PCONS_KEY: Unknown
Decode for PSYS_KEY: Unknown

Tank Id: 5
Tank Status: Abandoned
Installed Date: 01/01/1964
Perm Close Date: 12/31/1990
Product Name: Gasoline, Gas Mix
Tank Capacity: 4000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Not reported
Decode for TCONS_KEY: Unknown
Decode for PCONS_KEY: Unknown
Decode for PSYS_KEY: Unknown

Tank Id: 6
Tank Status: Abandoned
Installed Date: 01/01/1964
Perm Close Date: 12/31/1990
Product Name: Gasoline, Gas Mix
Tank Capacity: 4000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Not reported
Decode for TCONS_KEY: Unknown
Decode for PCONS_KEY: Unknown
Decode for PSYS_KEY: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B9
NE
1/8-1/4
0.126 mi.
665 ft.

ACE WASTE OIL CO
903 W 1ST
LOWELL, NC 28098

RCRA NonGen / NLR **1004744958**
NCD981019037

Site 3 of 3 in cluster B

Relative:
Higher

RCRA NonGen / NLR:

Actual:
782 ft.

Date form received by agency: 08/07/1986
Facility name: ACE WASTE OIL CO
Facility address: 903 W 1ST
LOWELL, NC 28098
EPA ID: NCD981019037
Mailing address: ROBINSON ST
LOWELL, NC 28098
Contact: HERBERT BULLOCK
Contact address: 903 W 1ST
LOWELL, NC 28098
Contact country: US
Contact telephone: 704-824-3146
Contact email: Not reported
EPA Region: 04
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: GEOGE POSTON
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACE WASTE OIL CO (Continued)

1004744958

Violation Status: No violations found

C10
NNW
1/8-1/4
0.136 mi.
720 ft.

PICK'S USED CARS
2769 LOWELL ROAD
GASTONIA, NC 28054

UST U001188441
N/A

Site 1 of 3 in cluster C

Relative:
Higher
Actual:
792 ft.

UST:
Facility Id: 00-0-0000003689
Contact: ACME PETROLEUM & FUEL COMPANY
Contact Address1: 543 COX ROAD STE C - PO BOX 359
Contact Address2: Not reported
Contact City/State/Zip: GASTONIA, NC 28054-0611
FIPS County Desc: Gaston
Latitude: 0
Longitude: 0

Tank Id: 1
Tank Status: Removed
Installed Date: 05/06/1966
Perm Close Date: 01/01/1988
Product Name: Gasoline, Gas Mix
Tank Capacity: 3000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 2
Tank Status: Removed
Installed Date: 05/06/1966
Perm Close Date: 01/01/1988
Product Name: Gasoline, Gas Mix
Tank Capacity: 3000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PICK'S USED CARS (Continued)

U001188441

Tank Id: 3
Tank Status: Removed
Installed Date: 05/06/1966
Perm Close Date: 01/01/1988
Product Name: Gasoline, Gas Mix
Tank Capacity: 2000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 4
Tank Status: Removed
Installed Date: 05/06/1966
Perm Close Date: 01/01/1981
Product Name: Unknown
Tank Capacity: 280
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

**C11
NNW
1/8-1/4
0.137 mi.
724 ft.**

**RANLO UNION 76 SERVICE STATION
2768 LOWELL ROAD
RANLO, NC
Site 2 of 3 in cluster C**

**IMD S102089514
N/A**

**Relative:
Higher
Actual:
793 ft.**

IMD:
Region: MOR
Facility ID: 15695
Date Occurred: 5/21/1996
Submit Date: 6/24/1996
GW Contam: No Groundwater Contamination detected
Soil Contam: Yes
Incident Desc: UPON REMOVAL OF 3 USTS, SOIL CONTAMINATION WAS CONFIRMED AT 1398 PPM.
Operator: EARL DAY
Contact Phone: 704-824-1431
Owner Company: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RANLO UNION 76 SERVICE STATION (Continued)

S102089514

Operator Address:1600 SPENCER MOUNTAIN ROAD
Operator City: GASTONIA
Oper City,St,Zip: GASTONIA, NC 28054
Ownership: Private
Operation: Commercial
Material: HEATING OIL
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Material: GASOLINE
Qty Lost: Not reported
Qty Recovered: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: Facility
Setting: Urban
Risk Site: L
Site Priority: E
Priority Code: L
Priority Update: 5/30/1998
Dem Contact: BCN
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: Q69Q
Latitude: 35.27916666
Longitude: -81.13416666
Latitude Number: 351645
Longitude Number: 810803
Latitude Decimal: 35.2791666666667
Longitude Decimal: 81.1341666666667
GPS: NOD
Agency: DWM
Facility ID: 15695
Last Modified: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C12
NNW
1/8-1/4
0.137 mi.
724 ft.

RANLO UNION 76 SERVICE STATION
2768 LOWELL ROAD
RANLO, NC 28054

LUST S106352265
LUST TRUST N/A

Site 3 of 3 in cluster C

Relative:
Higher

LUST:

Actual:
793 ft.

Facility ID: 00-0-000
UST Number: MO-4669
Incident Number: 15695
Contamination Type: SL
Source Type: Leak-underground
Product Type: P
Date Reported: 06/19/1996
Date Occur: 05/21/1996
Cleanup: 05/21/1996
Closure Request: Not reported
Close Out: Not reported
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: B
Of Supply Wells: 0
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: E
Phase Of LSA Req: 1
Site Risk Reason: Not reported
Land Use: Not reported
MTBE: Not reported
MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in House
RBCA GW: Not reported
PETOPT: Not reported
RPL: False
CD Num: 0
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long Decimal: 35.2794 -81.1343
Testlat: Not reported
Regional Officer Project Mgr: BCN
Region: MOR
Company: Not reported
Contact Person: EARL DAY
Telephone: 704-824-1431
RP Address: 1600 SPENCER MOUNTAIN ROAD
RP City,St,Zip: GASTONIA, NC 28054
RP County: GASTON
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RANLO UNION 76 SERVICE STATION (Continued)

S106352265

5 Min Quad: Not reported

PIRF:

Facility Id:	15695
Date Occurred:	1996-05-21 00:00:00
Date Reported:	1996-06-24 00:00:00
Description Of Incident:	UPON REMOVAL OF 3 USTS, SOIL CONTAMINATION WAS CONFIRMED AT 1398 PPM.
Owner/Operator:	EARL DAY
Ownership:	4
Operation Type:	6
Type:	3
Location:	1
Site Priority:	E
Priority Update:	1998-05-30 00:00:00
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:	Q69Q
Source Code:	Pirf
Err Type:	Not reported
Cause:	Not reported
Source:	Not reported
Ust Number:	Not reported

Last Modified: Not reported

Incident Phase: Response

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:	0-015917
Site ID:	15695
Site Note:	Not reported
Site Eligible?:	True
Commercial Find:	100% Non-Commercial
Priority Rank:	Not reported
Deductable Amount:	0
3rd Party Deductable Amt:	100000
Sum 3rd Party Amt Applied:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

13
ENE
1/8-1/4
0.182 mi.
962 ft.

PHARR YARNS UNITED SPINNERS
700 W FIRST ST
LOWELL, NC 28098

RCRA-CESQG 1000175869
UST NCD003158235

Relative:
Higher

RCRA-CESQG:

Actual:
795 ft.

Date form received by agency: 08/31/2001
Facility name: PHARR YARNS UNITED SPINNERS
Facility address: 700 W FIRST ST
LOWELL, NC 28098
EPA ID: NCD003158235
Mailing address: PO BOX 1939
MCADENVILLE, NC 28101-1939
Contact: MIKE CHURCH
Contact address: PO BOX 1939
MCADENVILLE, NC 28101-1939
Contact country: US
Contact telephone: 704-823-2310
Contact email: Not reported
EPA Region: 04
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: PHARR YARNS INC
Owner/operator address: PO BOX 1939
MCADENVILLE, NC 28101
Owner/operator country: Not reported
Owner/operator telephone: 704-824-3551
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHARR YARNS UNITED SPINNERS (Continued)

1000175869

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

Historical Generators:

Date form received by agency: 02/08/1991
Site name: PHARR YARNS UNITED SPINNERS
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 06/25/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

UST:

Facility Id: 00-0-0000030125
Contact: STOWE-PHARR MILLS
Contact Address1: 100 MAIN STREET
Contact Address2: Not reported
Contact City/State/Zip: MCADENVILLE, NC 28101-9700
FIPS County Desc: Gaston
Latitude: 35.27148
Longitude: -81.10762

Tank Id: 0001-1
Tank Status: Removed
Installed Date: 07/23/1991
Perm Close Date: 02/23/2004
Product Name: Fuel Oil
Tank Capacity: 1000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: No
Regulated: No
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHARR YARNS UNITED SPINNERS (Continued)

1000175869

Tank Id: 0001-2
Tank Status: Removed
Installed Date: 07/23/1991
Perm Close Date: 02/23/2004
Product Name: Fuel Oil
Tank Capacity: 5000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: No
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 0002-1
Tank Status: Removed
Installed Date: 07/23/1971
Perm Close Date: 02/23/2004
Product Name: Fuel Oil
Tank Capacity: 1000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: No
Regulated: No
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 0002-2
Tank Status: Removed
Installed Date: 07/19/1973
Perm Close Date: 02/23/2004
Product Name: Fuel Oil
Tank Capacity: 5000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: No
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PHARR YARNS UNITED SPINNERS (Continued)

1000175869

Leak Detection Name: Unknown
 Decode for TCONS_KEY: Single Wall Steel
 Decode for PCONS_KEY: Single Wall Steel
 Decode for PSYS_KEY: Unknown

Tank Id: 3
 Tank Status: Removed
 Installed Date: 01/01/1964
 Perm Close Date: 02/23/2004
 Product Name: Heating Oil/Fuel
 Tank Capacity: 1000
 Root Tank Id: Not reported
 Main Tank: No
 Compartment Tank: No
 Manifold Tank: Not reported
 Commercial: No
 Regulated: No
 Other CP Tank: Not reported
 Overfill Protection Name: Unknown
 Spill Protection Name: Unknown
 Leak Detection Name: Unknown
 Decode for TCONS_KEY: Double Wall Steel/FRP
 Decode for PCONS_KEY: DW Steel/FRP
 Decode for PSYS_KEY: Unknown

14
West
1/8-1/4
0.195 mi.
1030 ft.

DOUG'S DIESEL
2999 ABERDEEN BOULEVARD
GASTONIA, NC 28052

LAST S110629302
N/A

Relative:
Lower
Actual:
738 ft.

LAST:
 Facility ID: Not reported
 UST Number: MO-88263
 Incident Number: 91102
 Contamination Type: GW
 Source Type: 15
 Product Type: P
 Date Reported: 01/15/2010
 Date Occur: Not reported
 Cleanup: Not reported
 Closure Request: Not reported
 Close Out: 03/06/2012
 Level Of Soil Cleanup Achieved: S3
 Tank Regulated Status: Not reported
 # Of Supply Wells: 0
 Commercial/NonCommercial UST Site: Not reported
 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: RES
 MTBE: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOUG'S DIESEL (Continued)

S110629302

MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: A
RBCA GW: G1
PETOPT: 5
RPL: False
CD Num: 551
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Lat/Long: 35 16 6.12 81 7 39.12
Lat/Long Decimal: 35.26838 -81.12753
Testlat: Not reported
Regional Officer Project Mgr: BCN
Region: MOR
Company: CCI
Contact Person: BOB HANK
Telephone: Not reported
RP Address: 3600 WEST LAKE AVENUE
RP City,St,Zip: GLENVIEW, IL 60026
RP County: Not reported
Comments: Not reported
5 Min Quad: Not reported

PIRF:

Facility Id: 91102
Date Occurred: 5/29/2009
Date Reported: 1/15/2010
Description Of Incident: Not reported
Owner/Operator: Not reported
Ownership: 4
Operation Type: Not reported
Type: 5
Location: 1
Site Priority: Not reported
Priority Update: Not reported
Wells Affected Y/N: S
Wells Affected Number: Not reported
Samples Taken By: Y
Samples Include: Not reported
7#5 Min Quad: Not reported
5 Min Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: 9
Cause: Not reported
Source: Not reported
Source Type: E

Last Modified: Not reported
Incident Phase: CO
NOV Issued: Not reported
NORR Issued: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DOUG'S DIESEL (Continued)

S110629302

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

15
SSE
1/8-1/4
0.232 mi.
1227 ft.

BENFIELD RESIDENCE
1004 S. CHURCH STREET
LOWELL, NC 28098

LUST S102868461
IMD N/A

Relative:
Lower
Actual:
710 ft.

LUST:

Facility ID:	Not reported
UST Number:	MO-5115
Incident Number:	17402
Contamination Type:	SL
Source Type:	Leak-underground
Product Type:	P
Date Reported:	04/16/1997
Date Occur:	04/11/1997
Cleanup:	04/11/1997
Closure Request:	2000-11-28 00:00:00
Close Out:	01/23/2001
Level Of Soil Cleanup Achieved:	Soil to Groundwater
Tank Regulated Status:	N
# Of Supply Wells:	0
Commercial/NonCommercial UST Site:	NON COMMERCIAL
Risk Classification:	H
Risk Class Based On Review:	L
Corrective Action Plan Type:	Not reported
NOV Issue Date:	Not reported
NORR Issue Date:	Not reported
Site Priority:	B
Phase Of LSA Req:	Not reported
Site Risk Reason:	Not reported
Land Use:	Residential
MTBE:	Not reported
MTBE1:	Unknown
Flag:	No
Flag1:	No
LUR Filed:	Not reported
Release Detection:	0
Current Status:	File Located in Archives
RBCA GW:	Not reported
PETOPT:	4
RPL:	False
CD Num:	65
Reel Num:	0
RPOW:	False
RPOP:	False
Error Flag:	0
Error Code:	Not reported
Valid:	False
Lat/Long Decimal:	35.2587 -81.1119

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENFIELD RESIDENCE (Continued)

S102868461

Testlat: Not reported
Regional Officer Project Mgr: BCN
Region: MOR
Company: Not reported
Contact Person: WOODROW BENFIELD
Telephone: 704-824-2922
RP Address: 1004 SOUTH CHURCH STREET
RP City,St,Zip: LOWELL, NC 28092
RP County: GASTON
Comments: Not reported
5 Min Quad: Not reported

PIRF:

Facility Id: 17402
Date Occurred: 1997-04-11 00:00:00
Date Reported: 1997-06-11 00:00:00
Description Of Incident: SOIL CONTAM. CONFIRMED UPON SAMPLING AROUND HEATING OIL TANK.
Owner/Operator: WOODROW BENFIELD
Ownership: 4
Operation Type: 3
Type: 4
Location: 7
Site Priority: B
Priority Update: 1999-03-08 00:00:00
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: Pirf
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 2001-02-08 00:00:00
Incident Phase: Closed Out
NOV Issued: 2000-10-17 00:00:00
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: 2001-01-24 00:00:00

IMD:

Region: MOR
Facility ID: 17402
Date Occurred: 4/11/1997
Submit Date: 6/11/1997
GW Contam: No Groundwater Contamination detected
Soil Contam: Yes
Incident Desc: SOIL CONTAM. CONFIRMED UPON SAMPLING AROUND HEATING OIL TANK.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENFIELD RESIDENCE (Continued)

S102868461

Operator: WOODROW BENFIELD
Contact Phone: 704-824-2922
Owner Company: Not reported
Operator Address: 1004 SOUTH CHURCH STREET
Operator City: LOWELL
Oper City, St, Zip: LOWELL, NC 28092
Ownership: Private
Operation: Residential
Material: HEATING OIL
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: Residence
Setting: Residential
Risk Site: H
Site Priority: B
Priority Code: H
Priority Update: 3/8/1999
Dem Contact: BCN
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: 17402
Last Modified: 2/8/2001
Incident Phase: Closed Out
NOV Issued: 10/17/2000
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: 1/24/2001

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

16
 North
 1/4-1/2
 0.295 mi.
 1560 ft.

WASTE MANAGEMENT - CHARLOTTE
2712 LOWELL ROAD
GASTONIA, NC 28054

SWF/LF **S105164055**
HIST LF **N/A**
SWRCY
Financial Assurance

Relative:
Higher
Actual:
780 ft.

LF:
 Permit Num: 3608-TRANSFER-1993
 Waste: MSW
 Activity: Trans
 Contact Name: Jeff Edwards
 Contact Telephone: (704) 869-7663
 Facility Status: Open
 Mailing Address: Not reported
 Mailing City: Not reported

HIST_LF:
 Facility Type: Transfer Station
 permit_num: 3608
 Facility Fax: (704) 824-5862
 Contact Name: ROGER BUCHANAN
 Contact Title: Not reported
 Contact Telephone: (704) 824-2011
 Contact Address: 2712 LOWELL ROAD
 Contact City,St,Zip: GASTONIA, NC 28054
 Lined: False
 Facility Id: P0512
 Facility Status: OPEN
 Public/Private: PRIVATE
 Waste Mgmt Specialist: Teresa Bradford

SWRCY:
 Mailing Address: 2712 Lowell Road
 Mailing City: Gastonia
 Mailing State: NC
 Mailing Zip: 280541430
 Company Type: - Handler;;
 Company Service Area: - Local Service Only ;

NC Financial Assurance 2:
 Permit Id: 3608-TRANSFER-1993
 Facility Type: MSW
 Public/Private: Private
 2011 Financial Assurance-FA MECH: Payment Bond
 2011 Financial Assurance-FA MECH 2: Not reported

17
SSE
 1/4-1/2
 0.302 mi.
 1592 ft.

PETRO EXPRESS 59
3794 EAST FRANKLIN BLVD.
GASTONIA, NC 28052

LUST **S106195915**
IMD **N/A**

Relative:
Lower
Actual:
696 ft.

LUST:
 Facility ID: Not reported
 UST Number: MO-6922
 Incident Number: 27642
 Contamination Type: GW
 Source Type: Leak-underground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PETRO EXPRESS 59 (Continued)

S106195915

Product Type: P
Date Reported: 01/16/2004
Date Occur: 01/13/2004
Cleanup: 04/21/2004
Closure Request: Not reported
Close Out: Not reported
Level Of Soil Cleanup Achieved: Not reported
Tank Regulated Status: R
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: U
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: 2
Site Risk Reason: Gross contaminant levels
Land Use: Industrial/commercial
MTBE: No
MTBE1: Yes
Flag: No
Flag1: No
LUR Filed: 04/19/2007
Release Detection: 0
Current Status: File Located in House
RBCA GW: Not reported
PETOPT: 3
RPL: False
CD Num: 0
Reel Num: 0
RPOW: True
RPOP: False
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long Decimal: 35.2577 -81.1127
Testlat: Not reported
Regional Officer Project Mgr: BCN
Region: MOR
Company: PETRO EXPRESS
Contact Person: LAURIE STEWART
Telephone: 7047146819
RP Address: POST OFFICE BOX 240606
RP City,St,Zip: CHARLOTTE, NC 28224
RP County: Not reported
Comments: need public notice
5 Min Quad: Not reported

PIRF:

Facility Id: 27642
Date Occurred: 2004-01-13 00:00:00
Date Reported: 2004-01-16 00:00:00
Description Of Incident: Property transfer sampling revealed release.
Owner/Operator: Not reported
Ownership: 4
Operation Type: 6
Type: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PETRO EXPRESS 59 (Continued)

S106195915

Location: 1
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: 3
Cause: Not reported
Source: E
Ust Number: E

Last Modified: Not reported
Incident Phase: Not reported
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

IMD:

Region: MOR
Facility ID: 27642
Date Occurred: 1/13/2004
Submit Date: 1/16/2004
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: Property transfer sampling revealed release.
Operator: LAURIE STEWART
Contact Phone: 7047146819
Owner Company: Petro Express
Operator Address: Post Office Box 240606
Operator City: Charlotte
Oper City, St, Zip: Charlotte, NC 28224
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: Not reported
Risk Site: Unknown
Site Priority: Not reported
Priority Code: Not reported
Priority Update: Not reported
Dem Contact: BCN
Wells Affected: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PETRO EXPRESS 59 (Continued)

S106195915

Num Affected: Not reported
 Wells Contam: Not reported
 Sampled By: Y
 Samples Include: Not reported
 7.5 Min Quad: Not reported
 5 Min Quad: Not reported
 Latitude: 35.43777777
 Longitude: -81.32083333
 Latitude Number: 352616
 Longitude Number: 811875
 Latitude Decimal: 35.4377777777778
 Longitude Decimal: 81.3208333333333
 GPS: 7
 Agency: DWM
 Facility ID: Not reported
 Last Modified: Not reported
 Incident Phase: Not reported
 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

18
NNE
1/4-1/2
0.309 mi.
1629 ft.

LOWELL REFUSE DUMP
N MAIN ST CONTINUE LOWELL-SPENCER MOUNTAIN RD, SITE ON LEFT
LOWELL, NC

OLI S105592417
N/A

Relative:
Lower
Actual:
747 ft.

NC OLI:
 Facility ID: NONCD0000323
 State Plane X: 417547
 State Plane Y: 171405
 Other Agency Lead: Not reported
 Unable to Locate: Not reported

D19
SW
1/4-1/2
0.345 mi.
1822 ft.

SONNY HANCOCK NISSAN
2755 EAST FRANKLIN AVENUE
GASTONIA, NC 28052

UST U003146121
IMD N/A

Site 1 of 4 in cluster D

Relative:
Lower
Actual:
682 ft.

UST:
 Facility Id: 00-0-0000024893
 Contact: ARMSTRONG NISSAN
 Contact Address1: 2755 EAST FRANKLIN AVENUE
 Contact Address2: Not reported
 Contact City/State/Zip: GASTONIA, NC 28052
 FIPS County Desc: Gaston
 Latitude: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SONNY HANCOCK NISSAN (Continued)

U003146121

Longitude: 0

Tank Id: 1
Tank Status: Removed
Installed Date: 10/16/1986
Perm Close Date: 12/18/1993
Product Name: Gasoline, Gas Mix
Tank Capacity: 2000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel/FRP
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 2
Tank Status: Removed
Installed Date: 10/16/1986
Perm Close Date: 12/18/1993
Product Name: Motor Oil
Tank Capacity: 500
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel/FRP
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 3
Tank Status: Removed
Installed Date: 10/16/1986
Perm Close Date: 12/18/1993
Product Name: Oil, New/Used/Mix
Tank Capacity: 1000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SONNY HANCOCK NISSAN (Continued)

U003146121

Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel/FRP
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

IMD:

Region: MOR
Facility ID: 11752
Date Occurred: Not reported
Submit Date: 2/22/1994
GW Contam: No Groundwater Contamination detected
Soil Contam: Yes
Incident Desc: SOIL CONTAM. FOUND DURING TANK REMOVAL.
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: RBK
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: 11752
Last Modified: 2/19/1999
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SONNY HANCOCK NISSAN (Continued)

U003146121

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: 6/17/1994

D20
SW
1/4-1/2
0.345 mi.
1822 ft.

SONNY HANCOCK NISSAN INC
2775 E. FRANKLIN BLVD
GASTONIA, NC 28052

LUST S118755602
N/A

Site 2 of 4 in cluster D

Relative:
Lower
Actual:
682 ft.

LUST:
Facility ID: 00-0-000
UST Number: MO-4008
Incident Number: 11752
Contamination Type: SL
Source Type: Leak-underground
Product Type: P
Date Reported: 06/14/1994
Date Occur: Not reported
Cleanup: 06/14/1994
Closure Request: Not reported
Close Out: 06/17/1994
Level Of Soil Cleanup Achieved: Not reported
Tank Regulated Status: R
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: E
Phase Of LSA Req: Not reported
Site Risk Reason: Not reported
Land Use: Not reported
MTBE: Not reported
MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Not reported
PETOPT: 3
RPL: False
CD Num: 114
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long Decimal: 35.2583 -81.1273
Testlat: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SONNY HANCOCK NISSAN INC (Continued)

S118755602

Regional Officer Project Mgr:	RBK
Region:	MOR
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:	11752
Date Occurred:	1993-12-18 00:00:00
Date Reported:	1994-02-22 00:00:00
Description Of Incident:	SOIL CONTAM. FOUND DURING TANK REMOVAL.
Owner/Operator:	DAVID BLAKE
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:	1999-02-19 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:	1994-06-17 00:00:00

E21
SSE
1/4-1/2
0.347 mi.
1830 ft.

CONNER'S DISCOUNT BEVERAGE
3900 WILKINSON BLVD
GASTONIA, NC 28056
Site 1 of 2 in cluster E

LUST **U003146821**
UST **N/A**
IMD

Relative:
Lower
Actual:
720 ft.

LUST:
 Facility ID: 00-0-000
 UST Number: MO-6653
 Incident Number: 27389

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONNER'S DISCOUNT BEVERAGE (Continued)

U003146821

Contamination Type: SL
Source Type: Leak-underground
Product Type: P
Date Reported: 01/21/2002
Date Occur: 12/26/2002
Cleanup: 01/21/2002
Closure Request: Not reported
Close Out: 10/31/2003
Level Of Soil Cleanup Achieved: Soil to Groundwater
Tank Regulated Status: R
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: 1
Site Risk Reason: Not reported
Land Use: Not reported
MTBE: No
MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to 2L.0202 standards
PETOPT: 3
RPL: True
CD Num: 210
Reel Num: 0
RPOW: True
RPOP: True
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long Decimal: 35.2575 -81.1119
Testlat: Not reported
Regional Officer Project Mgr: CBC
Region: MOR
Company: JAMES E. BRANTLEY
Contact Person: Not reported
Telephone: 7048241040
RP Address: PO BOX 273
RP City,St,Zip: LOWELL, NC 28098
RP County: Not reported
Comments: LSA data indicated SQ < soil to groundwater and WQ <2L (except chloroform at 2 ppb - not considered an issue). Water supply well located within 1,000 feet. Risk remains low due to lack of gw contamination. NFA.
5 Min Quad: Not reported
PIRF:
Facility Id: 27389
Date Occurred: 2002-12-26 00:00:00
Date Reported: 2003-01-21 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONNER'S DISCOUNT BEVERAGE (Continued)

U003146821

Description Of Incident: SOIL CONTAMINATION DISCOVERED DURING THE REMOVAL OF THREE GAS USTS AT DISPENSER ISLAND

Owner/Operator: Not reported

Ownership: 4

Operation Type: 6

Type: 3

Location: 1

Site Priority: Not reported

Priority Update: Not reported

Wells Affected Y/N: N

Samples Include: Not reported

7#5 Minute Quad: Y

5 Minute Quad: S

Pirf/Min Soil: Not reported

Release Code: Not reported

Source Code: Not reported

Err Type: 2

Cause: Not reported

Source: A

Ust Number: A

Last Modified: 2003-10-31 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

UST:

Facility Id: 00-0-0000031297

Contact: JAMES E.BRANTLEY

Contact Address1: PO BOX 273

Contact Address2: Not reported

Contact City/State/Zip: LOWELL, NC 28098

FIPS County Desc: Gaston

Latitude: 35.25744

Longitude: -81.1117

Tank Id: 1

Tank Status: Removed

Installed Date: 09/22/1986

Perm Close Date: 11/11/2002

Product Name: Gasoline, Gas Mix

Tank Capacity: 6000

Root Tank Id: Not reported

Main Tank: No

Compartment Tank: No

Manifold Tank: Not reported

Commercial: Yes

Regulated: Yes

Other CP Tank: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONNER'S DISCOUNT BEVERAGE (Continued)

U003146821

Overfill Protection Name: Auto Shutoff Device
Spill Protection Name: Catchment Basin
Leak Detection Name: MLLD
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Other
Decode for PSYS_KEY: Unknown

Tank Id: 2
Tank Status: Removed
Installed Date: 09/22/1986
Perm Close Date: 11/11/2002
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
Other CP Tank: Not reported
Overfill Protection Name: Auto Shutoff Device
Spill Protection Name: Catchment Basin
Leak Detection Name: MLLD
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Other
Decode for PSYS_KEY: Unknown

Tank Id: 3
Tank Status: Removed
Installed Date: 09/22/1986
Perm Close Date: 11/11/2002
Product Name: Gasoline, Gas Mix
Tank Capacity: 6000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Auto Shutoff Device
Spill Protection Name: Catchment Basin
Leak Detection Name: MLLD
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Other
Decode for PSYS_KEY: Unknown

IMD:

Region: MOR
Facility ID: 27389
Date Occurred: 12/26/2002
Submit Date: 1/21/2003
GW Contam: No Groundwater Contamination detected
Soil Contam: Yes
Incident Desc: SOIL CONTAMINATION DISCOVERED DURING THE REMOVAL OF THREE GAS USTS AT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONNER'S DISCOUNT BEVERAGE (Continued)

U003146821

DISPENSER ISLAND
Operator: Not reported
Contact Phone: 7048241040
Owner Company: JAMES E. BRANTLEY
Operator Address: PO BOX 273
Operator City: LOWELL
Oper City, St, Zip: LOWELL, NC 28098
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: Not reported
Risk Site: L
Site Priority: Not reported
Priority Code: Not reported
Priority Update: Not reported
Dem Contact: CBC
Wells Affected: No
Num Affected: Not reported
Wells Contam: Not reported
Sampled By: Y
Samples Include: S
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: 35.25944444
Longitude: -81.10888888
Latitude Number: 351534
Longitude Number: 810632
Latitude Decimal: 35.25944444444444
Longitude Decimal: 81.10888888888889
GPS: 7
Agency: DWM
Facility ID: 27389
Last Modified: 10/31/2003
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

D22
SW
1/4-1/2
0.350 mi.
1847 ft.

NISSAN WEST 2
2755 EAST FRANKLIN BOULEVARD
GASTONIA, NC

LUST **S118755947**
N/A

Site 3 of 4 in cluster D

Relative:
Lower
Actual:
689 ft.

LUST:
 Facility ID: Not reported
 UST Number: MO-8642
 Incident Number: 40176
 Contamination Type: SL
 Source Type: Leak-underground
 Product Type: P
 Date Reported: 01/21/2013
 Date Occur: 12/14/2012
 Cleanup: 01/21/2013
 Closure Request: Not reported
 Close Out: 04/09/2013
 Level Of Soil Cleanup Achieved: Not reported
 Tank Regulated Status: N
 # Of Supply Wells: 0
 Commercial/NonCommercial UST Site: COMMERCIAL
 Risk Classification: Not reported
 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: No
 Flag1: No
 LUR Filed: Not reported
 Release Detection: 0
 Current Status: File Located in Archives
 RBCA GW: Not reported
 PTOPT: 5
 RPL: False
 CD Num: 590
 Reel Num: 0
 RPOW: True
 RPOP: False
 Error Flag: 0
 Error Code: N
 Valid: False
 Lat/Long Decimal: 35.2544 -81.1296
 Testlat: Not reported
 Regional Officer Project Mgr: BCN
 Region: MOR
 Company: HUDSON/GASTONIA REAL PROPERTY
 Contact Person: JEFF ROBERTS
 Telephone: Not reported
 RP Address: 36110 EDWARDS MILL ROAD
 RP City,St,Zip: RALEIGH, NC 27612
 RP County: Not reported
 Comments: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NISSAN WEST 2 (Continued)

S118755947

5 Min Quad: Not reported

PIRF:

Facility Id:	40176
Date Occurred:	2012-12-14 00:00:00
Date Reported:	2013-01-21 00:00:00
Description Of Incident:	Not reported
Owner/Operator:	Not reported
Ownership:	4
Operation Type:	6
Type:	5
Location:	1
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
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

D23
SW
1/4-1/2
0.350 mi.
1847 ft.

NISSAN WEST
2755 EAST FRANKLIN BLVD
GASTOINA, NC 28056
Site 4 of 4 in cluster D

LUST S110303223
N/A

Relative:
Lower
Actual:
689 ft.

LUST:

Facility ID:	Not reported
UST Number:	MO-8186
Incident Number:	36777
Contamination Type:	GW
Source Type:	Leak-underground
Product Type:	B
Date Reported:	02/26/2010
Date Occur:	02/04/2010
Cleanup:	02/26/2010
Closure Request:	Not reported
Close Out:	02/01/2011
Level Of Soil Cleanup Achieved:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NISSAN WEST (Continued)

S110303223

Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: I
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: Industrial/commercial
MTBE: No
MTBE1: No
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Not reported
PETOPT: 12
RPL: True
CD Num: 500
Reel Num: 0
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.2595 -81.1296
Testlat: Not reported
Regional Officer Project Mgr: BCN
Region: MOR
Company: A&G REAL ESTATE
Contact Person: Not reported
Telephone: 5612133930
RP Address: P.O. BOX 5988
RP City,St,Zip: LIGHTHOUSE POINT, FL 33074
RP County: Not reported
Comments: OIL/WATER SEPARATOR. PETROLEUM CONTAMINANTS AND SOLVENTS REPORTED.
SOIL EXCAVATED, ONLY SOLVENTS IN GW.
5 Min Quad: Not reported

PIRF:

Facility Id: 36777
Date Occurred: 2010-02-04 00:00:00
Date Reported: 2010-02-26 00:00:00
Description Of Incident: OIL/WATER SEPARATOR
Owner/Operator: Not reported
Ownership: 4
Operation Type: 6
Type: 5
Location: 1
Site Priority: Not reported
Priority Update: Not reported
Wells Affected Y/N: N
Samples Include: Not reported
7#5 Minute Quad: Y

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NISSAN WEST (Continued)

S110303223

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:	2011-02-01 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

E24
SSE
 1/4-1/2
 0.357 mi.
 1884 ft.

SONNY HANCOCK MAZDA
3942 E. FRANKLIN BLVD
GASTONIA, NC 28052
 Site 2 of 2 in cluster E

LUST **S102868824**
IMD **N/A**

Relative:
Lower
Actual:
721 ft.

LUST:

Facility ID:	00-0-000	
UST Number:	MO-4009	
Incident Number:	11753	
Contamination Type:		SL
Source Type:	Leak-underground	
Product Type:	P	
Date Reported:	02/23/1994	
Date Occur:	02/16/1994	
Cleanup:	02/16/1994	
Closure Request:	Not reported	
Close Out:	03/16/1994	
Level Of Soil Cleanup Achieved:		Not reported
Tank Regulated Status:		R
# Of Supply Wells:	0	
Commercial/NonCommercial UST Site:	COMMERCIAL	
Risk Classification:		L
Risk Class Based On Review:		Not reported
Corrective Action Plan Type:		Not reported
NOV Issue Date:	Not reported	
NORR Issue Date:	02/23/1994	
Site Priority:	E	
Phase Of LSA Req:	Not reported	
Site Risk Reason:	Not reported	
Land Use:	Not reported	
MTBE:	Not reported	
MTBE1:	Unknown	
Flag:	No	
Flag1:	No	
LUR Filed:	Not reported	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SONNY HANCOCK MAZDA (Continued)

S102868824

Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Not reported
PETOPT: 3
RPL: False
CD Num: 37
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long Decimal: 35.2574 -81.1103
Testlat: Not reported
Regional Officer Project Mgr: RBK
Region: MOR
Company: SONNY HANCOCK CHEVROLET, INC.
Contact Person: DAVID BLAKE
Telephone: Not reported
RP Address: 1978 SOUTH NEW HOPE ROAD
RP City,St,Zip: GASTONIA, NC 28054
RP County: GS
Comments: Not reported
5 Min Quad: Not reported

PIRF:

Facility Id: 11753
Date Occurred: 1993-02-16 00:00:00
Date Reported: 1994-02-23 00:00:00
Description Of Incident: SOIL CONTAM. CONFIRMED DURING TANK REMOVAL.
Owner/Operator: DAVID BLAKE
Ownership: 4
Operation Type: 6
Type: 3
Location: 1
Site Priority: E
Priority Update: 1998-05-30 00:00:00
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: 1999-02-19 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SONNY HANCOCK MAZDA (Continued)

S102868824

RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 1994-03-16 00:00:00

IMD:

Region: MOR
Facility ID: 11753
Date Occurred: 2/16/1994
Submit Date: 2/23/1994
GW Contam: No Groundwater Contamination detected
Soil Contam: Yes
Incident Desc: SOIL CONTAM. CONFIRMED DURING TANK REMOVAL.
Operator: DAVID BLAKE
Contact Phone: Not reported
Owner Company: SONNY HANCOCK CHEVROLET, INC.
Operator Address: 1978 SOUTH NEW HOPE ROAD
Operator City: GASTONIA
Oper City, St, Zip: GASTONIA, NC 28054
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: E
Priority Code: L
Priority Update: 5/30/1998
Dem Contact: RBK
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: 11753
Last Modified: 2/19/1999
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

SONNY HANCOCK MAZDA (Continued)

S102868824

RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 3/16/1994

25
West
1/4-1/2
0.362 mi.
1913 ft.

NCDOT SR 2200
I-85 AND COX RD
GASTONIA, NC 28054

LUST S105894377
IMD N/A

Relative:
Lower
Actual:
734 ft.

LUST:
Facility ID: Not reported
UST Number: MO-1658
Incident Number: 27427
Contamination Type: SL
Source Type: Leak-underground
Product Type: P
Date Reported: 03/02/1990
Date Occur: Not reported
Cleanup: 03/02/1990
Closure Request: Not reported
Close Out: 06/07/1991
Level Of Soil Cleanup Achieved: Not reported
Tank Regulated Status: N
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: Not reported
MTBE: Not reported
MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Not reported
PETOPT: 3
RPL: False
CD Num: 37
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long Decimal: 35.2646 -81.1344
Testlat: Not reported
Regional Officer Project Mgr: CBC
Region: MOR
Company: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NCDOT SR 2200 (Continued)

S105894377

Contact Person: Not reported
Telephone: Not reported
RP Address: Not reported
RP City,St,Zip: Not reported
RP County: Not reported
Comments: NO FILE
5 Min Quad: Not reported

PIRF:

Facility Id: 27427
Date Occurred: 1991-11-06 00:00:00
Date Reported: 1990-03-02 00:00:00
Description Of Incident: SOIL CONT AS TPH DETECTED DURING TANK EXCAVATION. SITE CLOSED.
Owner/Operator: Not reported
Ownership: 7
Operation Type: Not reported
Type: 3
Location: 1
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: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: Not reported
Incident Phase: Not reported
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

IMD:

Region: MOR
Facility ID: 27427
Date Occurred: Not reported
Submit Date: 3/2/1990
GW Contam: No Groundwater Contamination detected
Soil Contam: Yes
Incident Desc: SOIL CONT AS TPH DETECTED DURING TANK EXCAVATION. SITE CLOSED.
Operator: Not reported
Contact Phone: Not reported
Owner Company: Not reported
Operator Address: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NCDOT SR 2200 (Continued)

S105894377

Operator City: Not reported
 Oper City,St,Zip: Not reported
 Ownership: State
 Operation: Not reported
 Material: Not reported
 Qty Lost 1: Not reported
 Qty Recovered 1: Not reported
 Source: Leak-underground
 Type: Gasoline/diesel
 Location: Facility
 Setting: Not reported
 Risk Site: L
 Site Priority: Not reported
 Priority Code: Not reported
 Priority Update: Not reported
 Dem Contact: CBC
 Wells Affected: No
 Num Affected: Not reported
 Wells Contam: Not reported
 Sampled By: Y
 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: 7
 Agency: DWM
 Facility ID: Not reported
 Last Modified: Not reported
 Incident Phase: Not reported
 NOV Issued: Not reported
 NORR Issued: Not reported
 45 Day Report: Not reported
 Public Meeting Held: Not reported
 Corrective Action Planned: Not reported
 SOC Sighed: Not reported
 Reclassification Report: Not reported
 RS Designation: Not reported
 Closure Request Date: Not reported
 Close-out Report: Not reported

26
 West
 1/4-1/2
 0.367 mi.
 1938 ft.

CIRCLE K 2723972
516 COX ROAD
GASTONIA, NC 28054

LUST U001205978
UST N/A
Financial Assurance

Relative:
Higher
Actual:
762 ft.

LUST:
 Facility ID: 00-0-000
 UST Number: MO-7604
 Incident Number: 36290
 Contamination Type: GW
 Source Type: Leak-underground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2723972 (Continued)

U001205978

Product Type: P
Date Reported: 04/02/2007
Date Occur: Not reported
Cleanup: 04/02/2007
Closure Request: Not reported
Close Out: 04/21/2008
Level Of Soil Cleanup Achieved: Soil to Groundwater
Tank Regulated Status: R
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: 1
Site Risk Reason: Not reported
Land Use: Not reported
MTBE: No
MTBE1: Yes
Flag: No
Flag1: No
LUR Filed: 04/14/2008
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to 2L.0202 standards
PETOPT: 3
RPL: False
CD Num: 385
Reel Num: 0
RPOW: True
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.2665 -81.1333
Testlat: Not reported
Regional Officer Project Mgr: BCN
Region: MOR
Company: PETRO ASSOCIATES OF SC, LLC
Contact Person: Not reported
Telephone: Not reported
RP Address: 5900 CORE AVENUE, SUITE 503
RP City,St,Zip: N. CHARLESTON, NC 29406
RP County: Not reported
Comments: 24-HOUR REPORT RECEIVED. NO CONFIRMATION SAMPLES SUBMITTED.
5 Min Quad: Not reported

PIRF:

Facility Id: 36290
Date Occurred: 2007-03-13 00:00:00
Date Reported: 2007-06-05 00:00:00
Description Of Incident: Not reported
Owner/Operator: Not reported
Ownership: 4
Operation Type: Not reported
Type: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2723972 (Continued)

U001205978

Location: 1
Site Priority: Not reported
Priority Update: Not reported
Wells Affected Y/N: N
Samples Include: Not reported
7#5 Minute Quad: W
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: 3
Cause: Not reported
Source: Not reported
Ust Number: P

Last Modified: Not reported
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

UST:

Facility Id: 00-0-0000031755
Contact: CIRCLE K STORES INC.
Contact Address1: 2550 W. TYVOLA ROAD, SUITE 200
Contact Address2: Not reported
Contact City/State/Zip: CHARLOTTE, NC 28217-4579
FIPS County Desc: Gaston
Latitude: 35.26663
Longitude: -81.13342

Tank Id: 1
Tank Status: Current
Installed Date: 05/22/1990
Perm Close Date: Not reported
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
Other CP Tank: Not reported
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin
Leak Detection Name: Not reported
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Pressurized System

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2723972 (Continued)

U001205978

Tank Id: 2
Tank Status: Current
Installed Date: 05/22/1990
Perm Close Date: Not reported
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
Other CP Tank: Not reported
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin
Leak Detection Name: Not reported
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Pressurized System

Tank Id: 3
Tank Status: Current
Installed Date: 05/22/1990
Perm Close Date: Not reported
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
Other CP Tank: Not reported
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin
Leak Detection Name: Not reported
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Pressurized System

Tank Id: 4
Tank Status: Current
Installed Date: 05/22/1990
Perm Close Date: Not reported
Product Name: Diesel
Tank Capacity: 6000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2723972 (Continued)

U001205978

Leak Detection Name: Not reported
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Pressurized System

NC Financial Assurance 1:

Facility ID: 00-0-0000031755
Region: 1
Financial Responsibility Desc: Letter of Credit
Financial Responsibility Name: Wells Fargo Bank, N.A.
Started Date: 03/10/2013
Ended Date: 03/10/2014

F27
WSW
1/4-1/2
0.407 mi.
2151 ft.

PUBLIC SERVICE COMPANY OF NC, IN
400 COX ROAD
GASTONIA, NC 28054
Site 1 of 2 in cluster F

LUST **1000911030**
LUST TRUST **N/A**
UST
IMD

Relative:
Lower
Actual:
704 ft.

LUST:
Facility ID: 00-0-000
UST Number: MO-6932
Incident Number: 27650
Contamination Type: SL
Source Type: Leak-underground
Product Type: P
Date Reported: 02/05/2004
Date Occur: 12/11/2003
Cleanup: 12/11/2003
Closure Request: Not reported
Close Out: 07/08/2004
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: R
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: U
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: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to 2L.0202 standards
PETOPT: 3
RPL: True
CD Num: 210
Reel Num: 0
RPOW: True

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PUBLIC SERVICE COMPANY OF NC, IN (Continued)

1000911030

RPOP: True
 Error Flag: 0
 Error Code: Not reported
 Valid: False
 Lat/Long Decimal: 35.2612 -81.1329
 Testlat: Not reported
 Regional Officer Project Mgr: CBC
 Region: MOR
 Company: PUBLIC SERVICE COMPANY OF NC
 Contact Person: KEN JOHNSON
 Telephone: 7048103115
 RP Address: 800 GASTON ROAD
 RP City,St,Zip: GASTONIA, NC 28053
 RP County: Not reported
 Comments: Removal of one 12,000-gallon gasoline UST. Sample at dispenser exceeds soil-to-groundwater. Review of historical file for incident number 8416 did not reveal definitive evidence to assign the contamination below the dispenser to an earlier release. LSA required. LSA indicates no groundwater impacts and soil < residential. NFA for this incident only.
 5 Min Quad: Not reported

PIRF:

Facility Id: 27650
 Date Occurred: 2003-12-11 00:00:00
 Date Reported: 2004-02-05 00:00:00
 Description Of Incident: Removal of one 12,000-gallon gasoline UST. Sample at dispenser exceeds soil-to-groundwater.
 Owner/Operator: Not reported
 Ownership: 4
 Operation Type: 5
 Type: 3
 Location: 1
 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: Not reported
 Source: A
 Ust Number: A
 Last Modified: 2004-07-08 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SERVICE COMPANY OF NC, IN (Continued)

1000911030

Close-out Report: Not reported

Facility ID: 00-0-000
UST Number: MO-3298
Incident Number: 8416
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 12/31/1991
Date Occur: 12/21/1991
Cleanup: 12/21/1991
Closure Request: Not reported
Close Out: 03/24/2005
Level Of Soil Cleanup Achieved: Soil to Groundwater
Tank Regulated Status: R
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: SVE
NOV Issue Date: 05/11/1993
NORR Issue Date: 05/11/1993
Site Priority: 70E
Phase Of LSA Req: Not reported
Site Risk Reason: Not reported
Land Use: Not reported
MTBE: Not reported
MTBE1: Yes
Flag: No
Flag1: No
LUR Filed: 02/16/2004
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to alternate standards
PETOPT: 3
RPL: False
CD Num: 258
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long Decimal: 35.2630 -81.1323
Testlat: Not reported
Regional Officer Project Mgr: BCN
Region: MOR
Company: PUBLIC SERVICE COMPANY OF NC
Contact Person: RODNEY MYERS
Telephone: 704/864-6731
RP Address: PO BOX 1398
RP City,St,Zip: GASTONIA, NC 280531398
RP County: GS
Comments: CORRESPONDENCE DATED 7/8/04 REQUIRES IMMEDIATE DE-ACTIVATION OF REMEDIATION SYSTEM.
5 Min Quad: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SERVICE COMPANY OF NC, IN (Continued)

1000911030

PIRF:

Facility Id: 8416
Date Occurred: 1990-12-01 00:00:00
Date Reported: 1993-06-21 00:00:00
Description Of Incident: PRELIMINARY SUBSURFACE INVESTIGATION CONFIRMED SOIL CONTAMINATION.
Owner/Operator: RODNEY MYERS
Ownership: 4
Operation Type: 6
Type: 3
Location: 1
Site Priority: 70E
Priority Update: 1998-05-15 00:00:00
Wells Affected Y/N: N
Samples Include: 0
7#5 Minute Quad: 3
5 Minute Quad: 1
Pirf/Min Soil: Not reported
Release Code: Q69W
Source Code: Pirf
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 2005-03-24 00:00:00
Incident Phase: Closed Out
NOV Issued: 1993-05-11 00:00:00
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: 0-016289
Site ID: 8416
Site Note: Not reported
Site Eligible?: True
Commercial Find: 100% Commercial
Priority Rank: Low
Deductable Amount: 50000
3rd Party Deductable Amt: 100000
Sum 3rd Party Amt Applied: 0

UST:

Facility Id: 00-0-0000016289
Contact: PSNC ENERGY (FRM PUBLIC SRV NC)
Contact Address1: 800 GASTON RD ATTN: KEN JOHNSON
Contact Address2: Not reported
Contact City/State/Zip: GASTONIA, NC 28053
FIPS County Desc: Gaston
Latitude: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SERVICE COMPANY OF NC, IN (Continued)

1000911030

Longitude: 0

Tank Id: 1
Tank Status: Removed
Installed Date: 04/13/1973
Perm Close Date: 12/03/1990
Product Name: Gasoline, Gas Mix
Tank Capacity: 12000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 2
Tank Status: Removed
Installed Date: 04/13/1973
Perm Close Date: 12/03/1990
Product Name: Gasoline, Gas Mix
Tank Capacity: 12000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: A1
Tank Status: Removed
Installed Date: 12/12/1990
Perm Close Date: 08/03/1994
Product Name: Gasoline, Gas Mix
Tank Capacity: 12000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SERVICE COMPANY OF NC, IN (Continued)

1000911030

Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Other
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Unknown

Tank Id: A2
Tank Status: Removed
Installed Date: 06/18/1965
Perm Close Date: 11/18/1991
Product Name: Oil, New/Used/Mix
Tank Capacity: 550
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Unknown
Decode for PSYS_KEY: Unknown

IMD:

Region: MOR
Facility ID: 27650
Date Occurred: 12/11/2003
Submit Date: 2/5/2004
GW Contam: No Groundwater Contamination detected
Soil Contam: Yes
Incident Desc: Removal of one 12,000-gallon gasoline UST. Sample at dispenser exceeds soil-to-groundwater.
Operator: Ken Johnson
Contact Phone: 7048103115
Owner Company: Public Service Company of NC
Operator Address: 800 Gaston Road
Operator City: Gastonia
Oper City, St, Zip: Gastonia, NC 28053
Ownership: Private
Operation: Industrial
Material: Not reported
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: Facility
Setting: Not reported
Risk Site: Unknown
Site Priority: Not reported
Priority Code: Not reported
Priority Update: Not reported
Dem Contact: CBC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SERVICE COMPANY OF NC, IN (Continued)

1000911030

Wells Affected: No
Num Affected: Not reported
Wells Contam: Not reported
Sampled By: Y
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: 7
Agency: DWM
Facility ID: 27650
Last Modified: 7/8/2004
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
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

Region: MOR
Facility ID: 8416
Date Occurred: 12/21/1991
Submit Date: 6/21/1993
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: PRELIMINARY SUBSURFACE INVESTIGATION CONFIRMED SOIL CONTAMINATION.
Operator: RODNEY MYERS
Contact Phone: 704/864-6731
Owner Company: PUBLIC SERVICE COMPANY OF NC
Operator Address: PO BOX 1398
Operator City: GASTONIA
Oper City, St, Zip: GASTONIA, NC 280531398
Ownership: Private
Operation: Commercial
Material: PETROLEUM
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: 70E
Priority Code: L
Priority Update: 5/15/1998
Dem Contact: BCN

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PUBLIC SERVICE COMPANY OF NC, IN (Continued)

1000911030

Wells Affected: No
 Num Affected: 0
 Wells Contam: Not reported
 Sampled By: Responsible Parties
 Samples Include: Groundwater Samples
 7.5 Min Quad: Not reported
 5 Min Quad: Q69W
 Latitude: 35.26333333
 Longitude: -81.13277777
 Latitude Number: 351548
 Longitude Number: 810758
 Latitude Decimal: 35.26333333333333
 Longitude Decimal: 81.13277777777778
 GPS: NOD
 Agency: DWM
 Facility ID: 8416
 Last Modified: 3/24/2005
 Incident Phase: Closed Out
 NOV Issued: 5/11/1993
 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

**28
 ENE
 1/4-1/2
 0.411 mi.
 2169 ft.**

**PLASTIC MATERIALS, INC.
 210 ASH STREET
 LOWELL, NC 28098**

**SWRCY S111445170
 N/A**

**Relative:
 Higher
 Actual:
 778 ft.**

SWRCY:
 Mailing Address: P.O. Box 907
 Mailing City: Lowell
 Mailing State: NC
 Mailing Zip: 28098
 Company Type: - Broker - Handler - Processor - Exporter
 Company Service Area: - International

**F29
 WSW
 1/4-1/2
 0.413 mi.
 2179 ft.**

**GASTON MALL
 401 COX ROAD
 GASTONIA, NC 28054**

**LUST S108966406
 N/A**

**Relative:
 Lower
 Actual:
 696 ft.**

Site 2 of 2 in cluster F
 LUST:
 Facility ID: Not reported
 UST Number: MO-7789
 Incident Number: 36406
 Contamination Type: SL
 Source Type: Leak-underground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GASTON MALL (Continued)

S108966406

Product Type: P
Date Reported: 12/03/2007
Date Occur: 10/22/2007
Cleanup: 10/22/2007
Closure Request: Not reported
Close Out: 12/10/2007
Level Of Soil Cleanup Achieved: Soil to Groundwater
Tank Regulated Status: R
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
MTBE: No
MTBE1: Unknown
Flag: No
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: 385
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.2636 -81.1347
Testlat: Not reported
Regional Officer Project Mgr: BCN
Region: MOR
Company: UNKNOWN
Contact Person: Not reported
Telephone: Not reported
RP Address: Not reported
RP City,St,Zip: NC
RP County: Not reported
Comments: Not reported
5 Min Quad: Not reported

PIRF:

Facility Id: 36406
Date Occurred: 2007-10-22 00:00:00
Date Reported: 2007-12-10 00:00:00
Description Of Incident: Not reported
Owner/Operator: Not reported
Ownership: 4
Operation Type: 6
Type: 3

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GASTON MALL (Continued)

S108966406

Location:	1
Site Priority:	Not reported
Priority Update:	Not reported
Wells Affected Y/N:	N
Samples Include:	Not reported
7#5 Minute Quad:	S
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
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

30
West
1/4-1/2
0.417 mi.
2204 ft.

GREENE'S TINY MART, INC.
550 COX ROAD
GASTONIA, NC 28054

LUST **U003144705**
UST **N/A**
IMD

Relative:
Higher
Actual:
763 ft.

LUST:
 Facility ID: 00-0-000
 UST Number: MO-6904
 Incident Number: 27628
 Contamination Type: SL
 Source Type: Leak-underground
 Product Type: P
 Date Reported: 01/06/2004
 Date Occur: 11/20/2003
 Cleanup: 11/12/2003
 Closure Request: Not reported
 Close Out: 02/09/2004
 Level Of Soil Cleanup Achieved: Soil to Groundwater
 Tank Regulated Status: R
 # 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREENE'S TINY MART, INC. (Continued)

U003144705

Land Use: Not reported
MTBE: No
MTBE1: Unknown
Flag: No
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: 210
Reel Num: 0
RPOW: True
RPOP: False
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long Decimal: 35.2674 -81.1334
Testlat: Not reported
Regional Officer Project Mgr: CBC
Region: MOR
Company: GREENE'S TINY MART, INC.
Contact Person: BARRY GREENE
Telephone: 7048649802
RP Address: 550 COX ROAD
RP City,St,Zip: GASTONIA, NC 28054
RP County: Not reported
Comments: Removal of one 4,000-gallon and two 6,000-gallon gasoline USTs and one 500-gallon abandoned waste oil UST. Over-excavation activities undertaken. Closure samples analyzed using TPH methods. Additional risk-based sampling completed.
5 Min Quad: Not reported

PIRF:

Facility Id: 27628
Date Occurred: 2003-11-20 00:00:00
Date Reported: 2004-01-06 00:00:00
Description Of Incident: Removal of 1 4,000-gallon and 2 6,000-gallon gasoline USTs and 1 500-gallon waste oil UST. Closure samples indicate a release.
Owner/Operator: Not reported
Ownership: 4
Operation Type: 6
Type: 3
Location: 1
Site Priority: Not reported
Priority Update: Not reported
Wells Affected Y/N: 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: Not reported
Source: E
Ust Number: E

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREENE'S TINY MART, INC. (Continued)

U003144705

Last Modified: 2004-02-09 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

UST:

Facility Id: 00-0-0000015345
Contact: BARRY W GREENE
Contact Address1: 550 COX ROAD
Contact Address2: Not reported
Contact City/State/Zip: GASTONIA, NC 28054-0627
FIPS County Desc: Gaston
Latitude: 35.268
Longitude: -81.1341

Tank Id: 1
Tank Status: Removed
Installed Date: 07/05/1976
Perm Close Date: 11/21/2003
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
Other CP Tank: Not reported
Overfill Protection Name: Auto Shutoff Device
Spill Protection Name: Catchment Basin
Leak Detection Name: MLLD
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Unknown

Tank Id: 2
Tank Status: Removed
Installed Date: 07/05/1976
Perm Close Date: 11/21/2003
Product Name: Gasoline, Gas Mix
Tank Capacity: 6000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREENE'S TINY MART, INC. (Continued)

U003144705

Overfill Protection Name: Auto Shutoff Device
Spill Protection Name: Catchment Basin
Leak Detection Name: MLLD
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Unknown

Tank Id: 3
Tank Status: Removed
Installed Date: 07/05/1976
Perm Close Date: 11/21/2003
Product Name: Gasoline, Gas Mix
Tank Capacity: 6000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Auto Shutoff Device
Spill Protection Name: Catchment Basin
Leak Detection Name: MLLD
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Unknown

Tank Id: 4
Tank Status: Removed
Installed Date: 05/07/1976
Perm Close Date: 11/25/1996
Product Name: Oil, New/Used/Mix
Tank Capacity: 500
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

IMD:

Region: MOR
Facility ID: 27628
Date Occurred: 11/20/2003
Submit Date: 1/6/2004
GW Contam: No Groundwater Contamination detected
Soil Contam: Yes
Incident Desc: Removal of 1 4,000-gallon and 2 6,000-gallon gasoline USTs and 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREENE'S TINY MART, INC. (Continued)

U003144705

500-gallon waste oil UST. Closure samples indicate a release.
Operator: Barry Greene
Contact Phone: 7048649802
Owner Company: Greene's Tiny Mart, Inc.
Operator Address: 550 Cox Road
Operator City: Gastonia
Oper City, St, Zip: Gastonia, NC 28054
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: Not reported
Risk Site: L
Site Priority: Not reported
Priority Code: Not reported
Priority Update: Not reported
Dem Contact: CBC
Wells Affected: No
Num Affected: Not reported
Wells Contam: Not reported
Sampled By: Y
Samples Include: Not reported
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: 35.26777777
Longitude: -81.13388888
Latitude Number: 351604
Longitude Number: 810802
Latitude Decimal: 35.2677777777778
Longitude Decimal: 81.1338888888889
GPS: 7
Agency: DWM
Facility ID: 27628
Last Modified: 2/9/2004
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

G31
WSW
1/4-1/2
0.465 mi.
2457 ft.

PETRO EXPRESS #16 (FORMER)
2483 EAST FRANKLIN BLVD
GASTONIA, NC 28052

LUST **S101524201**
LUST TRUST **N/A**
IMD

Site 1 of 2 in cluster G

Relative:
Lower
Actual:
722 ft.

LUST:
 Facility ID: 00-0-000
 UST Number: MO-3855
 Incident Number: 10692
 Contamination Type: GW
 Source Type: Leak-underground
 Product Type: P
 Date Reported: 07/02/1993
 Date Occur: 07/02/1993
 Cleanup: 07/02/1993
 Closure Request: 2000-12-18 00:00:00
 Close Out: 01/10/2001
 Level Of Soil Cleanup Achieved: Industrial/Commercial
 Tank Regulated Status: R
 # 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: 08/23/1993
 NORR Issue Date: 08/23/1993
 Site Priority: 090E
 Phase Of LSA Req: Not reported
 Site Risk Reason: Not reported
 Land Use: Industrial/commercial
 MTBE: Not reported
 MTBE1: Unknown
 Flag: No
 Flag1: No
 LUR Filed: Not reported
 Release Detection: 0
 Current Status: File Located in Archives
 RBCA GW: Not reported
 PTOPT: 3
 RPL: False
 CD Num: 71
 Reel Num: 0
 RPOW: False
 RPOP: False
 Error Flag: 0
 Error Code: Y
 Valid: False
 Lat/Long Decimal: 35.2604 -81.1338
 Testlat: Not reported
 Regional Officer Project Mgr: BCN
 Region: MOR
 Company: CONOCOPHILLIPS
 Contact Person: MR. PAUL TAYLOR
 Telephone: (713)293-1263
 RP Address: PO BOX 4784
 RP City,St,Zip: HOUSTON, TX 772104784
 RP County: Not reported
 Comments: ERRATA DATA ON CD 255

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PETRO EXPRESS #16 (FORMER) (Continued)

S101524201

5 Min Quad: Not reported

PIRF:

Facility Id: 10692
Date Occurred: 1992-10-30 00:00:00
Date Reported: 1992-08-06 00:00:00
Description Of Incident: SOIL CONTAM. FOUND DURING INSTALLATION OF THE STAGE II VAPOR RECOVERY SYSTEM.
Owner/Operator: MR. PAUL TAYLOR
Ownership: 4
Operation Type: 6
Type: 3
Location: 1
Site Priority: 090E
Priority Update: 1998-05-15 00:00:00
Wells Affected Y/N: N
Samples Include: 0
7#5 Minute Quad: 3
5 Minute Quad: 1
Pirf/Min Soil: Not reported
Release Code: Q69X
Source Code: Pirf
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 2001-02-28 00:00:00
Incident Phase: Closed Out
NOV Issued: 1993-08-23 00:00:00
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: 2001-01-10 00:00:00

Facility ID: 00-0-000
UST Number: MO-6013
Incident Number: 22439
Contamination Type: SL
Source Type: Leak-underground
Product Type: P
Date Reported: 10/05/2000
Date Occur: 07/10/2000
Cleanup: 07/10/2000
Closure Request: 2000-10-05 00:00:00
Close Out: 12/28/2000
Level Of Soil Cleanup Achieved: Not reported
Tank Regulated Status: R
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PETRO EXPRESS #16 (FORMER) (Continued)

S101524201

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
MTBE: No
MTBE1: Unknown
Flag: No
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: 71
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long Decimal: 35.2606 -81.1339
Testlat: Not reported
Regional Officer Project Mgr: ARL
Region: MOR
Company: DHS ASSOCIATES, LLC
Contact Person: DOUG DREW
Telephone: 7045254850
RP Address: PO BOX 240606
RP City,St,Zip: CHARLOTTE, NC 282240606
RP County: MECKLENBURG
Comments: LINES AND DISPENSERS STILL HAVE CONT. FROM INC# 10692. A SEPARATE REPORT WILL BE SENT IN FOR THE CLEANUP OF THE LINES AND DISP. REPORT FOR INC # 10692 RECEIVED. SITE CLOSED.

5 Min Quad: Not reported

PIRF:

Facility Id: 22439
Date Occurred: 2000-07-10 00:00:00
Date Reported: 2000-10-20 00:00:00
Description Of Incident: SOIL CONTAMINATION DISCOVERED DURING UST REMOVAL
Owner/Operator: DOUG DREW
Ownership: 4
Operation Type: 6
Type: 3
Location: 1
Site Priority: L
Priority Update: 2000-10-20 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PETRO EXPRESS #16 (FORMER) (Continued)

S101524201

Cause: Not reported
Source: C
Ust Number: C

Last Modified: 2001-01-10 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: 2000-12-28 00:00:00

Facility ID: 00-0-000
UST Number: MO-7174
Incident Number: 27858
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 03/29/2005
Date Occur: 03/24/2005
Cleanup: 03/24/2005
Closure Request: Not reported
Close Out: Not reported
Level Of Soil Cleanup Achieved: Not reported
Tank Regulated Status: R
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: U
Risk Class Based On Review: I
Corrective Action Plan Type: ADO
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: Not reported
Phase Of LSA Req: Not reported
Site Risk Reason: Free product
Land Use: Not reported
MTBE: No
MTBE1: Unknown
Flag: Yes
Flag1: No
LUR Filed: 04/15/2007
Release Detection: 0
Current Status: File Located in House
RBCA GW: Not reported
PETOPT: 3
RPL: False
CD Num: 0
Reel Num: 0
RPOW: True
RPOP: False
Error Flag: 0
Error Code: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PETRO EXPRESS #16 (FORMER) (Continued)

S101524201

Valid: False
Lat/Long Decimal: 35.2605 -81.1337
Testlat: Not reported
Regional Officer Project Mgr: BCN
Region: MOR
Company: PETRO EXPRESS
Contact Person: TAMMY PEREZ
Telephone: 7047146813
RP Address: P.O. BOX 240606
RP City,St,Zip: CHARLOTTE, NC 28244
RP County: Not reported
Comments: APPROXIMATELY 3000-GALLONS OF GASOLINE LEAKED FROM SUMP PUMP INTO NEARBY CREEK.
5 Min Quad: Not reported

PIRF:

Facility Id: 27858
Date Occurred: 2005-03-24 00:00:00
Date Reported: 2005-03-30 00:00:00
Description Of Incident: PRODUCT OVERFLOWED FROM SUMP INTO CREEK.
Owner/Operator: Not reported
Ownership: 4
Operation Type: 6
Type: 3
Location: 1
Site Priority: Not reported
Priority Update: Not reported
Wells Affected Y/N: N
Samples Include: Not reported
7#5 Minute Quad: N
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: 4
Cause: Not reported
Source: D
Ust Number: D

Last Modified: Not reported
Incident Phase: Not reported
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: 0-002794
Site ID: 27858
Site Note: Commercial; \$20,000 deductible; 100% eligible for costs that exceed the \$20,000 deductible.[CGS 9/30/09]

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PETRO EXPRESS #16 (FORMER) (Continued)

S101524201

Site Eligible?: True
Commercial Find: 100% Commercial
Priority Rank: Not reported
Deductable Amount: 20000
3rd Party Deductable Amt: 0
Sum 3rd Party Amt Applied: 0

IMD:

Region: MOR
Facility ID: 10692
Date Occurred: 7/2/1993
Submit Date: 8/6/1992
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: SOIL CONTAM. FOUND DURING INSTALLATION OF THE STAGE II VAPOR RECOVERY SYSTEM.
Operator: MR. PAUL TAYLOR
Contact Phone: (713)293-1263
Owner Company: CONOCO, INC.
Operator Address: PO BOX 4784
Operator City: HOUSTON
Oper City, St, Zip: HOUSTON, TX 772104784
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: 090E
Priority Code: L
Priority Update: 5/15/1998
Dem Contact: BCN
Wells Affected: No
Num Affected: 0
Wells Contam: Not reported
Sampled By: Responsible Parties
Samples Include: Groundwater Samples
7.5 Min Quad: Not reported
5 Min Quad: Q69X
Latitude: 35.26027777
Longitude: -81.13472222
Latitude Number: 351537
Longitude Number: 810805
Latitude Decimal: 35.2602777777778
Longitude Decimal: 81.1347222222222
GPS: NOD
Agency: DWM
Facility ID: 10692
Last Modified: 2/28/2001
Incident Phase: Closed Out
NOV Issued: 8/23/1993
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

PETRO EXPRESS #16 (FORMER) (Continued)

S101524201

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: 1/10/2001

G32
WSW
1/4-1/2
0.465 mi.
2457 ft.

CIRCLE K 2723934
2483 E FRANKLIN BLVD
GASTONIA, NC 28052
Site 2 of 2 in cluster G

LUST TRUST **U003008157**
UST **N/A**
IMD
Financial Assurance
UIC

Relative:
Lower
Actual:
722 ft.

LUST TRUST:
Facility ID: 0-002794
Site ID: 10692
Site Note: Not reported
Site Eligible?: True
Commercial Find: 100% Commercial
Priority Rank: Low
Deductable Amount: 20000
3rd Party Deductable Amt: 100000
Sum 3rd Party Amt Applied: 0

UST:
Facility Id: 00-0-0000002794
Contact: CIRCLE K STORES INC.
Contact Address1: 2550 W. TYVOLA ROAD, SUITE 200
Contact Address2: Not reported
Contact City/State/Zip: CHARLOTTE, NC 28217-4579
FIPS County Desc: Gaston
Latitude: 35.26062
Longitude: -81.13370

Tank Id: 1
Tank Status: Removed
Installed Date: 04/01/1982
Perm Close Date: 07/10/2000
Product Name: Gasoline, Gas Mix
Tank Capacity: 10152
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2723934 (Continued)

U003008157

Tank Id: 1A
Tank Status: Current
Installed Date: 08/01/2000
Perm Close Date: Not reported
Product Name: Gasoline, Gas Mix
Tank Capacity: 20000
Root Tank Id: 212230
Main Tank: Yes
Compartment Tank: Yes
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin
Leak Detection Name: MLLD
Decode for TCONS_KEY: Single Wall FRP
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Pressurized System

Tank Id: 1B
Tank Status: Current
Installed Date: 08/01/2000
Perm Close Date: Not reported
Product Name: Gasoline, Gas Mix
Tank Capacity: 12000
Root Tank Id: 212230
Main Tank: No
Compartment Tank: Yes
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin
Leak Detection Name: MLLD
Decode for TCONS_KEY: Single Wall FRP
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Pressurized System

Tank Id: 2
Tank Status: Removed
Installed Date: 04/01/1982
Perm Close Date: 07/10/2000
Product Name: Gasoline, Gas Mix
Tank Capacity: 10152
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2723934 (Continued)

U003008157

Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Unknown

Tank Id: 2A
Tank Status: Current
Installed Date: 08/01/2000
Perm Close Date: Not reported
Product Name: Gasoline, Aviation
Tank Capacity: 4000
Root Tank Id: 212230
Main Tank: Yes
Compartment Tank: Yes
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin
Leak Detection Name: MLLD
Decode for TCONS_KEY: Single Wall FRP
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Pressurized System

Tank Id: 2B
Tank Status: Current
Installed Date: 08/01/2000
Perm Close Date: Not reported
Product Name: Diesel
Tank Capacity: 4000
Root Tank Id: 212230
Main Tank: No
Compartment Tank: Yes
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin
Leak Detection Name: MLLD
Decode for TCONS_KEY: Single Wall FRP
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Pressurized System

Tank Id: 2C
Tank Status: Current
Installed Date: 08/01/2000
Perm Close Date: Not reported
Product Name: Kerosene, Kero Mix
Tank Capacity: 4000
Root Tank Id: 212230
Main Tank: No
Compartment Tank: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2723934 (Continued)

U003008157

Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin
Leak Detection Name: MLLD
Decode for TCONS_KEY: Single Wall FRP
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Pressurized System

Tank Id: 3
Tank Status: Removed
Installed Date: 04/01/1982
Perm Close Date: 07/10/2000
Product Name: Gasoline, Gas Mix
Tank Capacity: 10152
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Unknown

IMD:

Region: MOR
Facility ID: 22439
Date Occurred: 7/10/2000
Submit Date: 10/20/2000
GW Contam: No Groundwater Contamination detected
Soil Contam: Yes
Incident Desc: SOIL CONTAMINATION DISCOVERED DURING UST REMOVAL
Operator: DOUG DREW
Contact Phone: 7045254850
Owner Company: DHS ASSOCIATES, LLC
Operator Address: PO BOX 240606
Operator City: CHARLOTTE
Oper City, St, Zip: CHARLOTTE, NC 282240606
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: Not reported
Site Priority: L

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2723934 (Continued)

U003008157

Priority Code: L
Priority Update: 10/20/2000
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: 35.22694444
Longitude: -81.13472222
Latitude Number: 351337
Longitude Number: 810805
Latitude Decimal: 35.22694444444444
Longitude Decimal: 81.13472222222222
GPS: NOD
Agency: DWM
Facility ID: 22439
Last Modified: 1/10/2001
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
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 12/28/2000

NC Financial Assurance 1:

Facility ID: 00-0-0000002794
Region: 1
Financial Responsibility Desc: Letter of Credit
Financial Responsibility Name: Wells Fargo Bank, N.A.
Started Date: 03/10/2013
Ended Date: 03/10/2014

UIC:

Permit Num: WI0300266
Permit Type: Injection Deemed Air Well
Environmental Interest Number: BIMS040693
Env Interest Status: Proposed
Latitude: Not reported
Longitude: Not reported

Permit Num: WI0300266
Permit Type: Injection Deemed Air Well
Environmental Interest Number: BIMS040694
Env Interest Status: Proposed
Latitude: Not reported
Longitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2723934 (Continued)

U003008157

Permit Num: WI0300266
Permit Type: Injection Deemed Air Well
Environmental Interest Number: BIMS040695
Env Interest Status: Proposed
Latitude: Not reported
Longitude: Not reported

Permit Num: WI0300266
Permit Type: Injection Deemed Air Well
Environmental Interest Number: BIMS040696
Env Interest Status: Proposed
Latitude: Not reported
Longitude: Not reported

Permit Num: WI0300266
Permit Type: Injection Deemed Air Well
Environmental Interest Number: BIMS040697
Env Interest Status: Proposed
Latitude: Not reported
Longitude: Not reported

Permit Num: WI0300266
Permit Type: Injection Deemed Air Well
Environmental Interest Number: BIMS040698
Env Interest Status: Proposed
Latitude: Not reported
Longitude: Not reported

H33
West
1/4-1/2
0.466 mi.
2461 ft.

SOUTHERN BELL/HONEY PROPERTY-REMOUN
REMOUNT ROAD
GASTONIA, NC 28054
Site 1 of 2 in cluster H

LUST S105764430
IMD N/A

Relative:
Lower
Actual:
753 ft.

LUST:
Facility ID: Not reported
UST Number: MO-2796
Incident Number: 3560
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 12/04/1987
Date Occur: Not reported
Cleanup: 12/04/1987
Closure Request: Not reported
Close Out: 09/14/2015
Level Of Soil Cleanup Achieved: Soil to Groundwater
Tank Regulated Status: R
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: SVE
NOV Issue Date: Not reported
NORR Issue Date: 04/21/1989
Site Priority: 070E
Phase Of LSA Req: Not reported
Site Risk Reason: Gross contaminant levels

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN BELL/HONEY PROPERTY-REMOUN (Continued)

S105764430

Land Use: Not reported
MTBE: Not reported
MTBE1: Yes
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to alternate standards
PETOPT: 3
RPL: False
CD Num: 627
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long Decimal: 35.2662 -81.1363
Testlat: Not reported
Regional Officer Project Mgr: BCN
Region: MOR
Company: BELLSOUTH TELECOMMUNICATIONS
Contact Person: STEVE C LUTER
Telephone: 205-424-5875
RP Address: 1655 RUSSET CREST LANE
RP City,St,Zip: HOOVER, AL 35244
RP County: MECKLENBURG
Comments: Not reported
5 Min Quad: Not reported

PIRF:

Facility Id: 3560
Date Occurred: 1987-12-01 00:00:00
Date Reported: 1987-12-22 00:00:00
Description Of Incident: MR. ROLLINGS W/SOUTHERN BELL REPORTED WHILE RE- MOVING A TANK THEY DETECTED A GASOLINE ODOR.
Owner/Operator: MR. KEYE JONES
Ownership: 4
Operation Type: 6
Type: 3
Location: 1
Site Priority: 070E
Priority Update: 1998-05-15 00:00:00
Wells Affected Y/N: N
Samples Include: 0
7#5 Minute Quad: 5
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Pirf
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: Not reported
Incident Phase: Closed Out

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN BELL/HONEY PROPERTY-REMOUN (Continued)

S105764430

NOV Issued: 1989-04-21 00:00:00
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

IMD:

Region: MOR
Facility ID: 3560
Date Occurred: Not reported
Submit Date: 12/22/1987
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: MR. ROLLINGS W/SOUTHERN BELL REPORTED WHILE RE- MOVING A TANK THEY DETECTED A GASOLINE ODOR.
Operator: STEVE C LUTER
Contact Phone: 205-424-5875
Owner Company: BELLSOUTH TELECOMMUNICATIONS
Operator Address:1655 RUSSET CREST LANE
Operator City: HOOVER
Oper City,St,Zip: HOOVER, AL 35244
Ownership: Private
Operation: Commercial
Material: REG UNL GASOLINE
Qty Lost 1: Not reported
Qty Recovered 1: NONE
Source: Leak-underground
Type: Gasoline/diesel
Location: Facility
Setting: Urban
Risk Site: L
Site Priority: 070E
Priority Code: L
Priority Update: 5/15/1998
Dem Contact: BCN
Wells Affected: No
Num Affected: 0
Wells Contam: Not reported
Sampled By: None
Samples Include: Not reported
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: 35.26611111
Longitude: -81.13583333
Latitude Number: 351558
Longitude Number: 810809
Latitude Decimal: 35.26611111111111
Longitude Decimal: 81.13583333333333
GPS: NOD
Agency: DWM
Facility ID: 3560
Last Modified: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN BELL/HONEY PROPERTY-REMOUN (Continued)

S105764430

Incident Phase: Not reported
NOV Issued: 4/21/1989
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

**H34
West
1/4-1/2
0.481 mi.
2541 ft.**

**FORMER REMOUNT ROAD SERVICE OPERATIONS CENTER
2300 REMOUNT RD
GASTONIA, NC 28054**

**LUST S108492004
NPDES N/A**

Site 2 of 2 in cluster H

**Relative:
Lower
Actual:
749 ft.**

LUST:
Facility ID: Not reported
UST Number: MO-9160
Incident Number: 40638
Contamination Type: SL
Source Type: Leak-underground
Product Type: P
Date Reported: 08/09/2016
Date Occur: 06/28/2016
Cleanup: 08/09/2016
Closure Request: Not reported
Close Out: 08/22/2016
Level Of Soil Cleanup Achieved: Soil to Groundwater
Tank Regulated Status: N
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: Industrial/commercial
MTBE: No
MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Not reported
PETOPT: 5
RPL: True
CD Num: 629
Reel Num: 0
RPOW: True
RPOP: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER REMOUNT ROAD SERVICE OPERATIONS CENTER (Continued)

S108492004

Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.2661 -81.1355
Testlat: Not reported
Regional Officer Project Mgr: BCN
Region: MOR
Company: NT HOLDINGS, INC
Contact Person: NATALIE TINDOL
Telephone: 7048678341
RP Address: 1901 EAST FRANKLIN BOULEVARD
RP City,St,Zip: GASTONIA, NC 28054
RP County: Not reported
Comments: Not reported
5 Min Quad: Not reported

PIRF:

Facility Id: 40638
Date Occurred: 2016-06-28 00:00:00
Date Reported: 2016-08-09 00:00:00
Description Of Incident: Not reported
Owner/Operator: Not reported
Ownership: 4
Operation Type: 6
Type: 5
Location: 1
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
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

NPDES:

Permit Number: NCG510367
Permit Status: Not reported
Permit Type: Groundwater Remediation Wastewater Discharge COC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER REMOUNT ROAD SERVICE OPERATIONS CENTER (Continued)

S108492004

Issue Date: 11/13/1996
Region: Mooresville
Owner Name: Bellsouth Telecommunications Inc
Class: Not reported
Applied: Not reported
Drafted: Not reported
Expires: Not reported
Subbasin: Not reported
Receiving Stream: Not reported
Comments: Not reported
As-Built Flow (GPD): 0
Domestic %: 0
Industrial %: 100
stormwtr %: 0
As Of: 05/12/2011
Permitted Flow (GPD): Not reported
Program Category: Not reported
Project Type: Not reported
Is Major Permit: Not reported
Date Assigned: Not reported
Organization Name: Not reported
Outfall: Not reported
Discharge Via: Not reported
Stream Classification: Not reported
Regulated Activity: Not reported
Owner Type: Not reported
Effective Date: Not reported
Basin Name: Not reported

35
NW
1/2-1
0.793 mi.
4186 ft.

HAYS DIV OF ROMAC IND
LOWELL HWY 7
RANLO, NC 28054

RCRA-TSDF 1000376303
SHWS NCD085087559
RCRA NonGen / NLR

Relative:
Higher
Actual:
805 ft.

RCRA-TSDF:
Date form received by agency: 04/02/1997
Facility name: HAYS DIV OF ROMAC IND
Facility address: LOWELL HWY 7
RANLO, NC 28054
EPA ID: NCD085087559
Mailing address: PO BOX 300
GASTONIA, NC 28053
Contact: BARBARA T ALLEN
Contact address: LOWELL HWY 7
RANLO, NC 28054
Contact country: US
Contact telephone: 704-824-4605
Contact email: Not reported
EPA Region: 04
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAYS DIV OF ROMAC IND (Continued)

1000376303

Owner/Operator Summary:

Owner/operator name: ZURN INDUSTRIES INC. ERIE PA
Owner/operator address: PO BOX 300
GASTONIA, NC 28053
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:
TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE,
1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED
FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING
CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF
ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED
IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE
SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:

Date form received by agency: 01/01/1993
Site name: HAYS DIV OF ROMAC IND
Classification: Not a generator, verified

. Waste code: D001
. Waste name: IGNITABLE WASTE

Date form received by agency: 01/01/1985
Site name: HAYS DIV OF ROMAC IND
Classification: Not a generator, verified

Facility Has Received Notices of Violations:

Regulation violated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAYS DIV OF ROMAC IND (Continued)

1000376303

Area of violation: TSD - Financial Requirements
Date violation determined: 10/23/1989
Date achieved compliance: 11/27/1989
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 04/24/1988
Date achieved compliance: 06/28/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/24/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 02/19/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/09/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/22/1991
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/29/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/07/1990
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAYS DIV OF ROMAC IND (Continued)

1000376303

Evaluation date: 05/09/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/10/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/16/1990
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/12/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/27/1989
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/23/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 11/27/1989
Evaluation lead agency: State

Evaluation date: 06/06/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/06/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/29/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/14/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAYS DIV OF ROMAC IND (Continued)

1000376303

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/28/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/24/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 06/28/1988
Evaluation lead agency: State

Evaluation date: 01/04/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/27/1987
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/19/1987
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

SHWS:
EPAID: NONCD0001012
Lat/Longitude: Not reported
Geolocation Method: Not reported

**36
NW
1/2-1
0.908 mi.
4793 ft.**

**CERTIFIED PLATING
2738 E OZARK PLATING
GASTONIA, NC**

**SHWS S108930348
N/A**

**Relative:
Higher
Actual:
804 ft.**

SHWS:
EPAID: NCN000409889
Lat/Longitude: 35.2795 / -81.1365
Geolocation Method: GPS (2-5 meter)

Count: 4 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GASTONIA	S113406432	MUFFLER BRAKE SHOP	30302 WEST FRANKLIN BOULEVARD		LUST TRUST
GASTONIA	S110975443	SIMS LEGION PARK LF	FROM DOWNTOWN TAKE MARETTA ST		OLI
GASTONIA	S106967280	SERVCO NO. 02012	1812 EAST OZARL AVENUE		LUST TRUST
LOWELL	1003868356	BEAUNIT CORP/DYEING & FINISHING PL	LINEBERGER ST	28098	SEMS-ARCHIVE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/06/2018
Number of Days to Update: 92	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 01/09/2018	Source: EPA
Date Data Arrived at EDR: 02/06/2018	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 01/09/2018	Source: EPA
Date Data Arrived at EDR: 02/06/2018	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/26/2017	Telephone: 800-424-9346
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (404) 562-8651
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (404) 562-8651
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (404) 562-8651
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (404) 562-8651
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 02/16/2018	Source: Department of the Navy
Date Data Arrived at EDR: 02/22/2018	Telephone: 843-820-7326
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/09/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 08/27/2018
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 02/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/27/2018	Telephone: 703-603-0695
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/29/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 09/10/2018
	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: 02/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/27/2018	Telephone: 703-603-0695
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/29/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 01/16/2018

Date Data Arrived at EDR: 01/19/2018

Date Made Active in Reports: 03/23/2018

Number of Days to Update: 63

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 03/27/2018

Next Scheduled EDR Contact: 07/09/2018

Data Release Frequency: Quarterly

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

Date Data Arrived at EDR: 11/08/2011

Date Made Active in Reports: 12/05/2011

Number of Days to Update: 27

Source: North Carolina Center for Geographic Information and Analysis

Telephone: 919-754-6580

Last EDR Contact: 04/18/2018

Next Scheduled EDR Contact: 08/06/2018

Data Release Frequency: Biennially

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Sites Inventory

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

Date of Government Version: 02/09/2018

Date Data Arrived at EDR: 03/15/2018

Date Made Active in Reports: 04/12/2018

Number of Days to Update: 28

Source: Department of Environment, Health and Natural Resources

Telephone: 919-508-8400

Last EDR Contact: 03/15/2018

Next Scheduled EDR Contact: 06/25/2018

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: 09/28/2017

Date Data Arrived at EDR: 09/28/2017

Date Made Active in Reports: 10/19/2017

Number of Days to Update: 21

Source: Department of Environment and Natural Resources

Telephone: 919-733-0692

Last EDR Contact: 03/30/2018

Next Scheduled EDR Contact: 07/09/2018

Data Release Frequency: Varies

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: 08/15/2017

Date Data Arrived at EDR: 10/11/2017

Date Made Active in Reports: 12/14/2017

Number of Days to Update: 64

Source: Department of Environment & Natural Resources

Telephone: 919-733-4996

Last EDR Contact: 04/13/2018

Next Scheduled EDR Contact: 07/23/2018

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal leaking storage tank lists

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tank site locations.

Date of Government Version: 02/02/2018	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 02/07/2018	Telephone: 877-623-6748
Date Made Active in Reports: 03/01/2018	Last EDR Contact: 05/08/2018
Number of Days to Update: 22	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Quarterly

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: 02/02/2018	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 02/07/2018	Telephone: 919-733-1308
Date Made Active in Reports: 03/01/2018	Last EDR Contact: 05/08/2018
Number of Days to Update: 22	Next Scheduled EDR Contact: 08/20/2018
	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: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/23/2018	Telephone: 415-972-3372
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2017	Source: EPA Region 8
Date Data Arrived at EDR: 01/23/2018	Telephone: 303-312-6271
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/12/2017	Source: EPA Region 7
Date Data Arrived at EDR: 01/23/2018	Telephone: 913-551-7003
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	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: 01/06/2018	Source: EPA Region 6
Date Data Arrived at EDR: 01/23/2018	Telephone: 214-665-6597
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/14/2017	Source: EPA Region 4
Date Data Arrived at EDR: 01/23/2018	Telephone: 404-562-8677
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/16/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

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

Date of Government Version: 10/14/2017	Source: EPA Region 1
Date Data Arrived at EDR: 01/23/2018	Telephone: 617-918-1313
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/16/2017	Source: EPA, Region 5
Date Data Arrived at EDR: 01/23/2018	Telephone: 312-886-7439
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

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

Date of Government Version: 10/24/2017	Source: EPA Region 10
Date Data Arrived at EDR: 01/23/2018	Telephone: 206-553-2857
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

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: 12/29/2017	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 01/10/2018	Telephone: 919-733-1315
Date Made Active in Reports: 03/01/2018	Last EDR Contact: 04/11/2018
Number of Days to Update: 50	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017	Source: FEMA
Date Data Arrived at EDR: 05/30/2017	Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 04/13/2018
Number of Days to Update: 136	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 02/07/2018
Date Made Active in Reports: 03/01/2018
Number of Days to Update: 22

Source: Department of Environment and Natural Resources
Telephone: 919-733-1308
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
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: 12/21/2017
Date Data Arrived at EDR: 03/19/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 28

Source: Department of Environment and Natural Resources
Telephone: 919-715-6183
Last EDR Contact: 03/15/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: Semi-Annually

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: 09/30/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/24/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 134

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

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: 01/13/2018
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
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: 10/12/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
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)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/14/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/06/2018
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: 10/24/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/14/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/16/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

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

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

Date of Government Version: 02/09/2018
Date Data Arrived at EDR: 03/15/2018
Date Made Active in Reports: 04/12/2018
Number of Days to Update: 28

Source: Department of Environment, Health and Natural Resources
Telephone: 919-508-8400
Last EDR Contact: 03/15/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

VCP: Responsible Party Voluntary Action Sites

Responsible Party Voluntary Action site locations.

Date of Government Version: 02/09/2018
Date Data Arrived at EDR: 03/15/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 29

Source: Department of Environment and Natural Resources
Telephone: 919-508-8400
Last EDR Contact: 03/15/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/21/2018
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/09/2018
	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

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: 12/01/2017	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 01/03/2018	Telephone: 919-733-4996
Date Made Active in Reports: 03/01/2018	Last EDR Contact: 04/05/2018
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 01/19/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-566-2777
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/21/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/02/2018
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Center Listing

A listing of recycling center locations.

Date of Government Version: 05/03/2018	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 05/03/2018	Telephone: 919-707-8137
Date Made Active in Reports: 05/10/2018	Last EDR Contact: 04/27/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 08/13/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: N/A
Data Release Frequency: No Update Planned

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: 01/30/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

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

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

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 05/04/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US CDL: Clandestine Drug Labs

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

Date of Government Version: 02/22/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/01/2018	Telephone: 202-307-1000
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 01/09/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/06/2018	Telephone: 202-564-6023
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 94	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Semi-Annually

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: 01/19/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-366-4555
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 03/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

SPILLS: Spills Incident Listing

A listing spills, hazardous material releases, sanitary sewer overflows, wastewater treatment plant bypasses and upsets, citizen complaints, and any other environmental emergency calls reported to the agency.

Date of Government Version: 03/16/2018	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 03/20/2018	Telephone: 919-807-6308
Date Made Active in Reports: 04/12/2018	Last EDR Contact: 06/07/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

IMD: Incident Management Database

Groundwater and/or soil contamination incidents

Date of Government Version: 07/21/2006	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 08/01/2006	Telephone: 919-733-3221
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 07/01/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/27/2012
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

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

Other Ascertainable Records

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

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

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 03/28/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005
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: 04/11/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 05/15/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/27/2018
	Data Release Frequency: Varies

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: 01/11/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-566-1917
Date Made Active in Reports: 03/02/2018	Last EDR Contact: 03/27/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 05/07/2018
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 04/22/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015	Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 05/08/2018
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 03/23/2018
Number of Days to Update: 198	Next Scheduled EDR Contact: 07/02/2018
	Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 01/10/2018	Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 05/25/2018
Number of Days to Update: 2	Next Scheduled EDR Contact: 09/03/2018
	Data Release Frequency: Annually

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: 04/09/2018
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 01/09/2018	Source: EPA
Date Data Arrived at EDR: 02/06/2018	Telephone: 703-416-0223
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 11/02/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/17/2017	Telephone: 202-564-8600
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 04/20/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 05/30/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/20/2018
	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: 06/01/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: 202-566-0500
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 04/13/2018
Number of Days to Update: 126	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 04/09/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 05/03/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 03/09/2018
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/18/2018
	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: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 06/04/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 04/27/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 01/03/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/04/2018	Telephone: 202-343-9775
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 04/05/2018
Number of Days to Update: 99	Next Scheduled EDR Contact: 07/16/2018
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

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

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 79

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/06/2018
Next Scheduled EDR Contact: 07/02/2018
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: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

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

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

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

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

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

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 01/25/2018
Date Data Arrived at EDR: 02/28/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 72

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 05/30/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

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

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 05/30/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 12/20/2017	Source: Department of Interior
Date Data Arrived at EDR: 12/21/2017	Telephone: 202-208-2609
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 06/06/2018
Number of Days to Update: 92	Next Scheduled EDR Contact: 09/24/2018
	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: 02/21/2018	Source: EPA
Date Data Arrived at EDR: 02/23/2018	Telephone: (404) 562-9900
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 06/06/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 01/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-564-2280
Date Made Active in Reports: 03/02/2018	Last EDR Contact: 06/06/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 01/04/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-564-0527
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 06/01/2018
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016	Source: Department of Defense
Date Data Arrived at EDR: 10/31/2017	Telephone: 703-704-1564
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 04/13/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 02/20/2018	Source: EPA
Date Data Arrived at EDR: 02/21/2018	Telephone: 800-385-6164
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 05/23/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 09/03/2018
	Data Release Frequency: Quarterly

AIRS: Air Quality Permit Listing

A listing of facilities with air quality permits.

Date of Government Version: 03/09/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/09/2018	Telephone: 919-707-8726
Date Made Active in Reports: 06/07/2018	Last EDR Contact: 03/09/2018
Number of Days to Update: 90	Next Scheduled EDR Contact: 06/25/2018
	Data Release Frequency: Varies

ASBESTOS: ASBESTOS

Asbestos notification sites

Date of Government Version: 10/15/2016	Source: Department of Health & Human Services
Date Data Arrived at EDR: 03/01/2018	Telephone: 919-707-5973
Date Made Active in Reports: 04/18/2018	Last EDR Contact: 06/01/2018
Number of Days to Update: 48	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

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: 12/14/2015	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 02/23/2016	Telephone: 919-807-6359
Date Made Active in Reports: 05/18/2016	Last EDR Contact: 06/01/2018
Number of Days to Update: 85	Next Scheduled EDR Contact: 08/13/2018
	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: 02/13/2018	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 03/21/2018	Telephone: 919-508-8400
Date Made Active in Reports: 04/17/2018	Last EDR Contact: 03/21/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/02/2018
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 02/07/2018
Date Made Active in Reports: 03/01/2018
Number of Days to Update: 22

Source: Department of Environment & Natural Resources
Telephone: 919-733-1322
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

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: 03/21/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information

Hazardous waste financial assurance information.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 34

Source: Department of Environment & Natural Resources
Telephone: 919-707-8222
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

NPDES: NPDES Facility Location Listing

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

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/01/2018
Number of Days to Update: 29

Source: Department of Environment & Natural Resources
Telephone: 919-733-7015
Last EDR Contact: 05/04/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

UIC: Underground Injection Wells Listing

A listing of uncerground injection wells locations.

Date of Government Version: 03/02/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 39

Source: Department of Environment & Natural Resources
Telephone: 919-807-6412
Last EDR Contact: 06/01/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

AOP: Animal Operation Permits Listing

This listing includes animal operations that are required to be permitted by the state.

Date of Government Version: 01/26/2018
Date Data Arrived at EDR: 03/09/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 90

Source: Department of Environmental Quality
Telephone: 919-707-9129
Last EDR Contact: 03/09/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

EDR Hist Auto: EDR Exclusive Historical Auto 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 Hist Cleaner: EDR Exclusive Historical 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 RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environment, Health and Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Environment, Health and Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/20/2013
Number of Days to Update: 172

Source: Department of Environment, Health and Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 01/03/2018
Date Data Arrived at EDR: 02/14/2018
Date Made Active in Reports: 03/22/2018
Number of Days to Update: 36

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 07/27/2017
Number of Days to Update: 107

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/23/2018
Next Scheduled EDR Contact: 07/23/2018
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: 04/30/2018
Date Data Arrived at EDR: 05/03/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/12/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 07/14/2017
Number of Days to Update: 92

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/08/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

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

Electric Power Transmission Line Data

Source: PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

AHA Hospitals:

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

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

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

Public Schools

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

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

Private Schools

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Daycare Centers: Child Care Facility List
Source: Department of Health & Human Services
Telephone: 919-662-4499

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

Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetland Inventory
Source: US Fish & Wildlife Service
Telephone: 703-358-2171

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

LINEBERGER PROPERTY
NORTH CAROLINA
GASTONIA, NC 28054

TARGET PROPERTY COORDINATES

Latitude (North): 35.267172 - 35° 16' 1.82"
Longitude (West): 81.117517 - 81° 7' 3.06"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 489311.1
UTM Y (Meters): 3902480.0
Elevation: 759 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5948456 MOUNT HOLLY, NC
Version Date:	2013
Southeast Map:	5947855 BELMONT, NC
Version Date:	2013
Southwest Map:	5947869 GASTONIA SOUTH, NC
Version Date:	2013
Northwest Map:	5947867 GASTONIA NORTH, NC
Version Date:	2013

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).

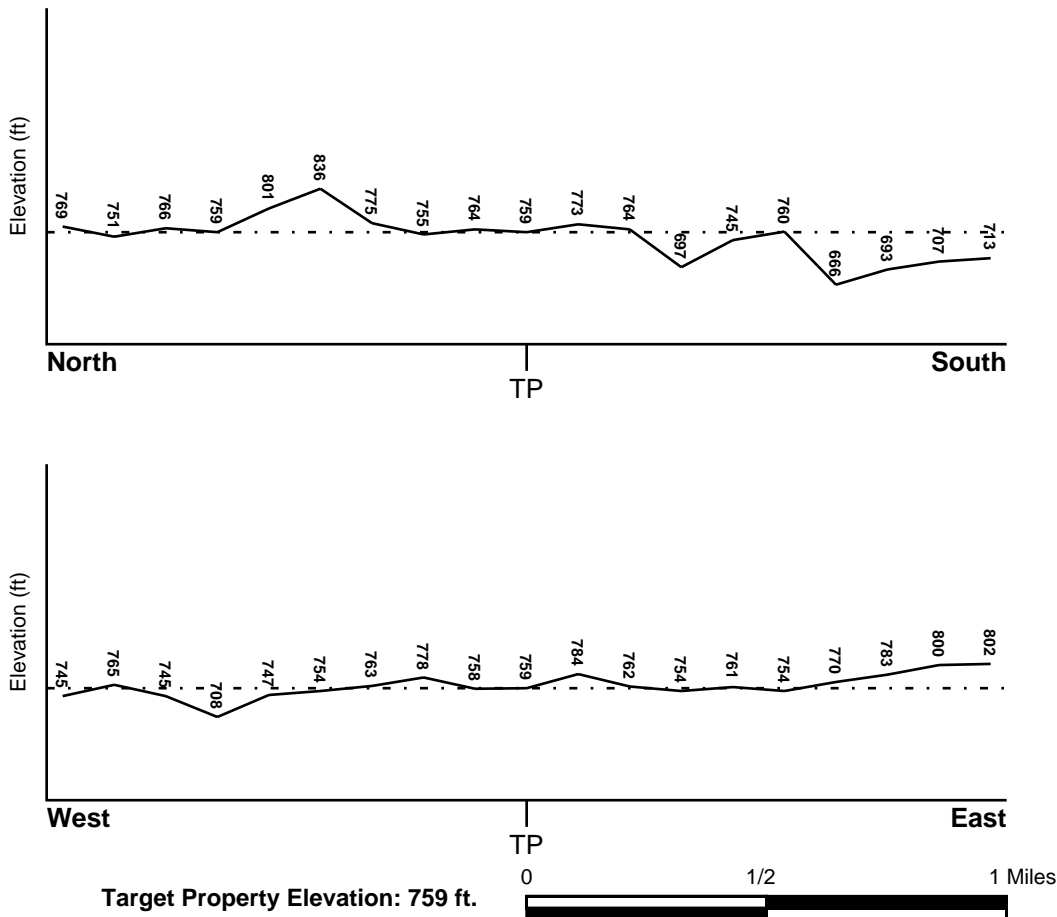
TOPOGRAPHIC INFORMATION

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 ESE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
3710356500J	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
3710357600J	FEMA FIRM Flood data
3710356600J	FEMA FIRM Flood data
3710357500J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

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

HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: 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).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: sandy loam
fine sandy loam
loam

Surficial Soil Types: sandy loam
fine sandy loam
loam

Shallow Soil Types: clay loam
clay
sandy clay

Deeper Soil Types: sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000885846	1/2 - 1 Mile South
2	USGS40000885845	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

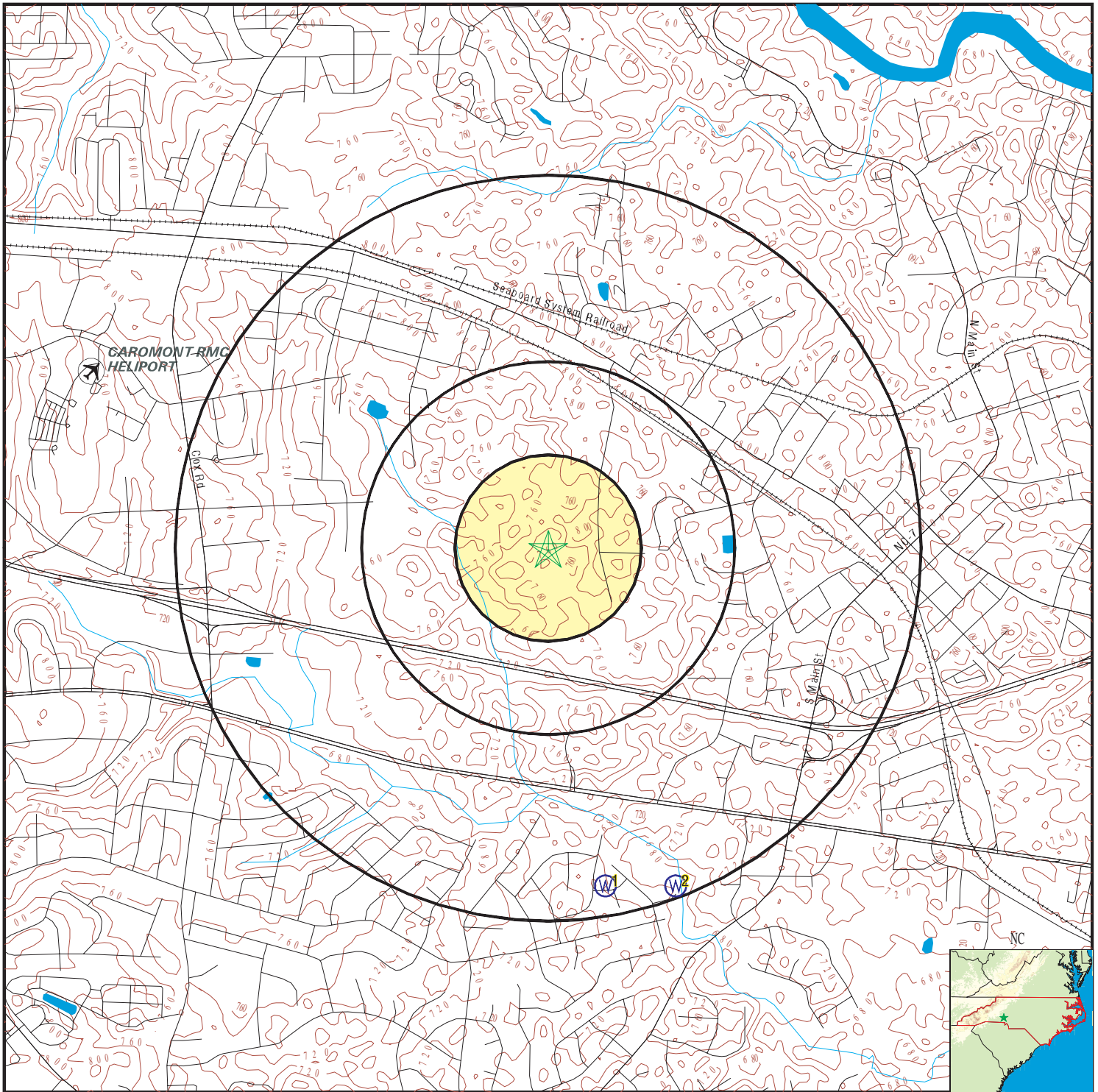
MAP ID	WELL ID	LOCATION FROM TP
<u> </u>	<u> </u>	<u> </u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

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

PHYSICAL SETTING SOURCE MAP - 5326017.2s



- | | | |
|--|--|---------------------------|
| 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 |
| Airports | | |
| Earthquake epicenter, Richter 5 or greater | | |
| Water Wells | | |
| Public Water Supply Wells | | |
| Cluster of Multiple Icons | | |

SITE NAME: Lineberger Property
 ADDRESS: North Carolina
 Gastonia NC 28054
 LAT/LONG: 35.267172 / 81.117517

CLIENT: Kimley-Horn & Associates, Inc
 CONTACT: Kenny Jesensky
 INQUIRY #: 5326017.2s
 DATE: June 08, 2018 12:09 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
South
1/2 - 1 Mile
Lower

FED USGS USGS40000885846

Org. Identifier:	USGS-NC		
Formal name:	USGS North Carolina Water Science Center		
Monloc Identifier:	USGS-351514081065401		
Monloc name:	GS-141		
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:	35.2540275
Longitude:	-81.1147988	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:	Intermediate Metaigneous Rock		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	52
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1952	5	

2
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000885845

Org. Identifier:	USGS-NC		
Formal name:	USGS North Carolina Water Science Center		
Monloc Identifier:	USGS-351514081064201		
Monloc name:	GS-140		
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:	35.2540275
Longitude:	-81.1114654	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:	Metavolcanic Rock Undifferentiated		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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

Welldepth: 96
Wellholedepth: Not Reported

Ground-water levels, Number of Measurements: 0

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
2	2.00	1.5	2.5

Federal EPA Radon Zone for GASTON County: 2

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

Federal Area Radon Information for Zip Code: 28054

Number of sites tested: 23

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.909 pCi/L	96%	4%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.960 pCi/L	80%	20%	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.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetland Inventory

Source: US Fish & Wildlife Service

Telephone: 703-358-2171

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

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

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

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

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

STREET AND ADDRESS INFORMATION

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APPENDIX C
HISTORICAL
TOPOGRAPHIC MAPS



Lineberger Property

North Carolina

Gastonia, NC 28054

Inquiry Number: 5326017.4

June 08, 2018

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

06/08/18

Site Name:

Lineberger Property
North Carolina
Gastonia, NC 28054
EDR Inquiry # 5326017.4

Client Name:

Kimley-Horn & Associates, Inc
802 Gervais St
Columbia, SC 29201
Contact: Kenny Jesensky



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Kimley-Horn & Associates, Inc were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	NA	Latitude:	35.267172 35° 16' 2" North
Project:	Linberger Property	Longitude:	-81.117517 -81° 7' 3" West
		UTM Zone:	Zone 17 North
		UTM X Meters:	489311.35
		UTM Y Meters:	3902678.41
		Elevation:	762.91' above sea level

Maps Provided:

2013
2003
1996
1916
1914

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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 OF 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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Topo Sheet Key

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

2013 Source Sheets



Gastonia South
2013
7.5-minute, 24000



Gastonia North
2013
7.5-minute, 24000



Mount Holly
2013
7.5-minute, 24000



Belmont
2013
7.5-minute, 24000

2003 Source Sheets



Gastonia North
2003
7.5-minute, 24000
Aerial Photo Revised 1993

1996 Source Sheets



Mount Holly
1996
7.5-minute, 24000
Aerial Photo Revised 1993



Gastonia North
1996
7.5-minute, 24000
Aerial Photo Revised 1993



Belmont
1996
7.5-minute, 24000
Aerial Photo Revised 1993



Gastonia South
1996
7.5-minute, 24000
Aerial Photo Revised 1993

1916 Source Sheets



Gastonia
1916
15-minute, 62500

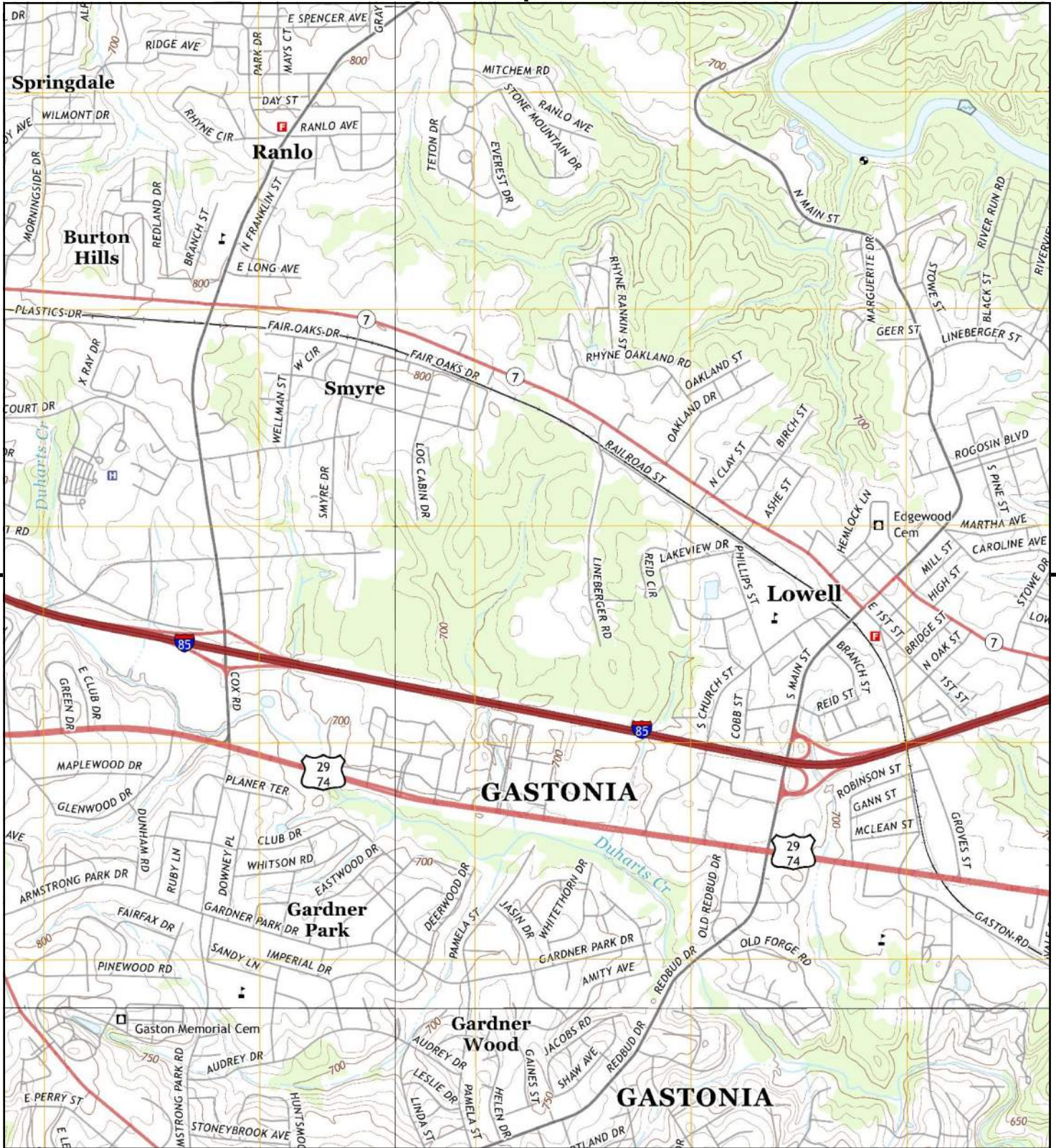
Topo Sheet Key

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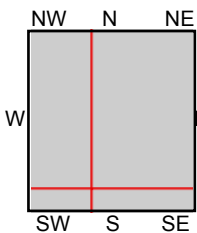
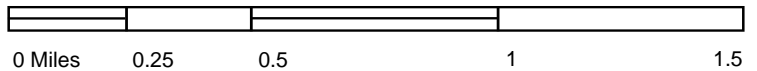
1914 Source Sheets



Gastonia
1914
15-minute, 48000



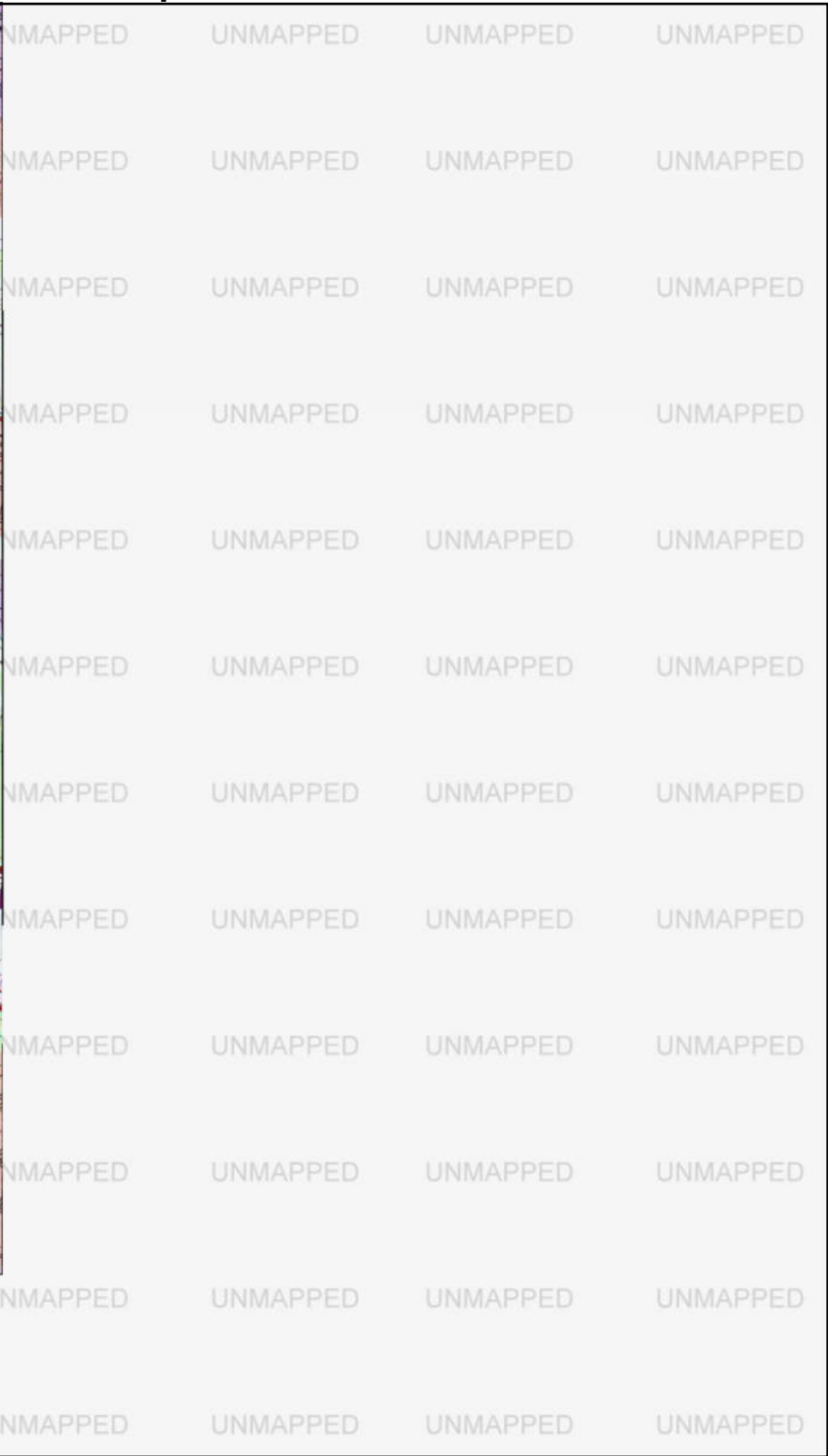
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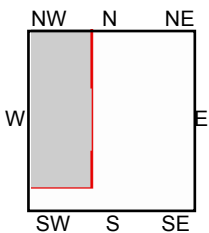
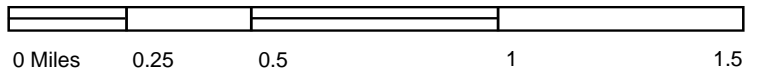
TP, Mount Holly, 2013, 7.5-minute
 SE, Belmont, 2013, 7.5-minute
 SW, Gastonia South, 2013, 7.5-minute
 NW, Gastonia North, 2013, 7.5-minute

SITE NAME: Lineberger Property
 ADDRESS: North Carolina
 Gastonia, NC 28054
 CLIENT: Kimley-Horn & Associates, Inc





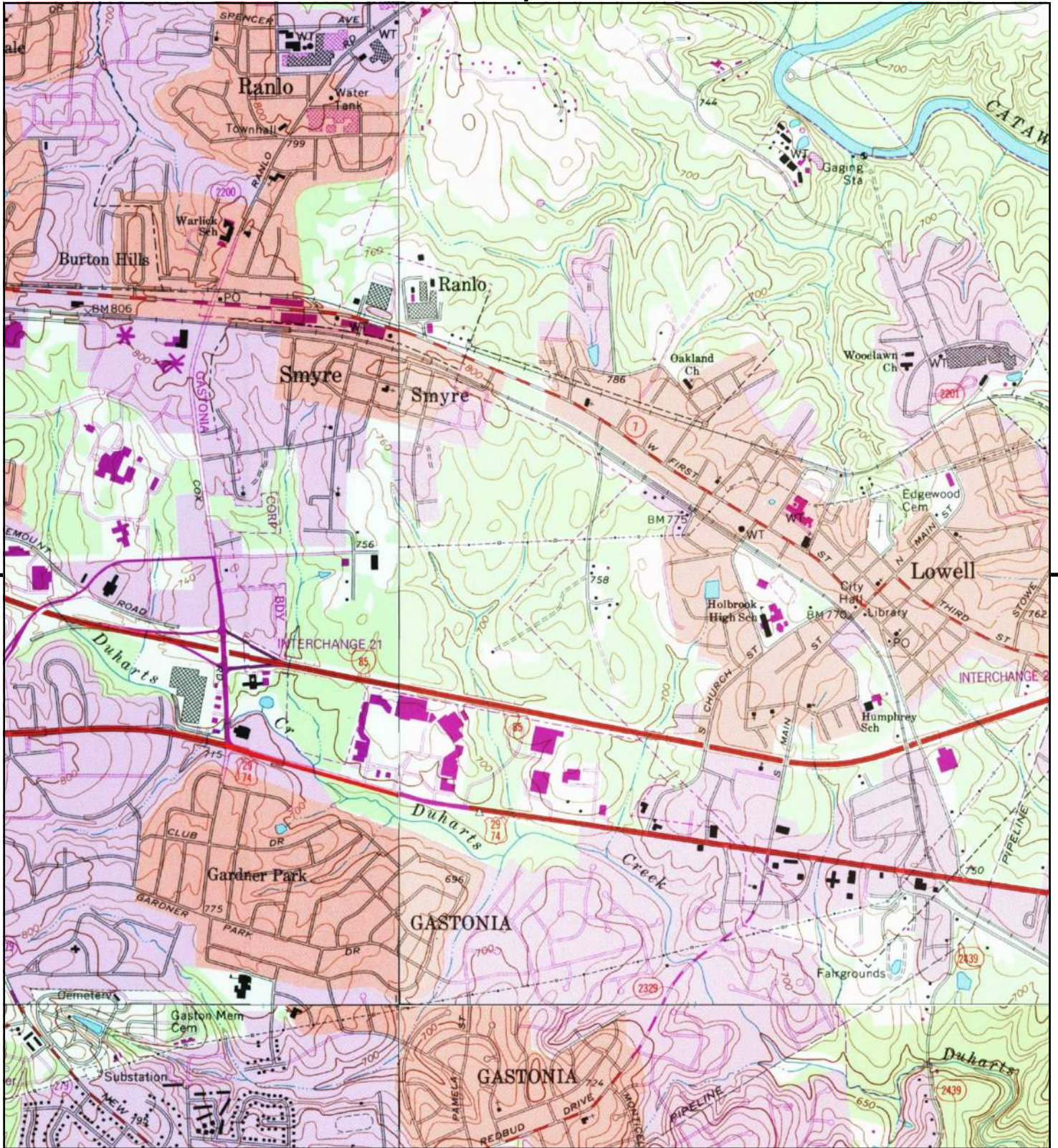
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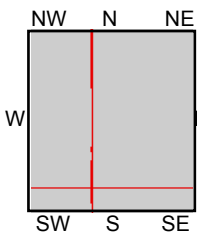
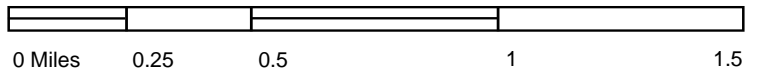
NW, Gastonia North, 2003, 7.5-minute

SITE NAME: Lineberger Property
ADDRESS: North Carolina
Gastonia, NC 28054
CLIENT: Kimley-Horn & Associates, Inc





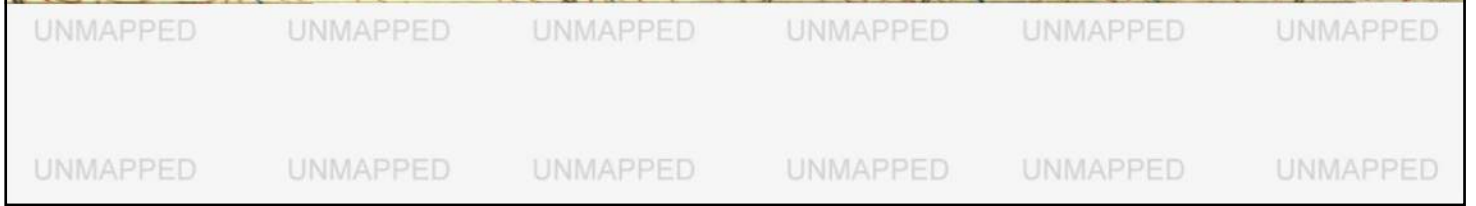
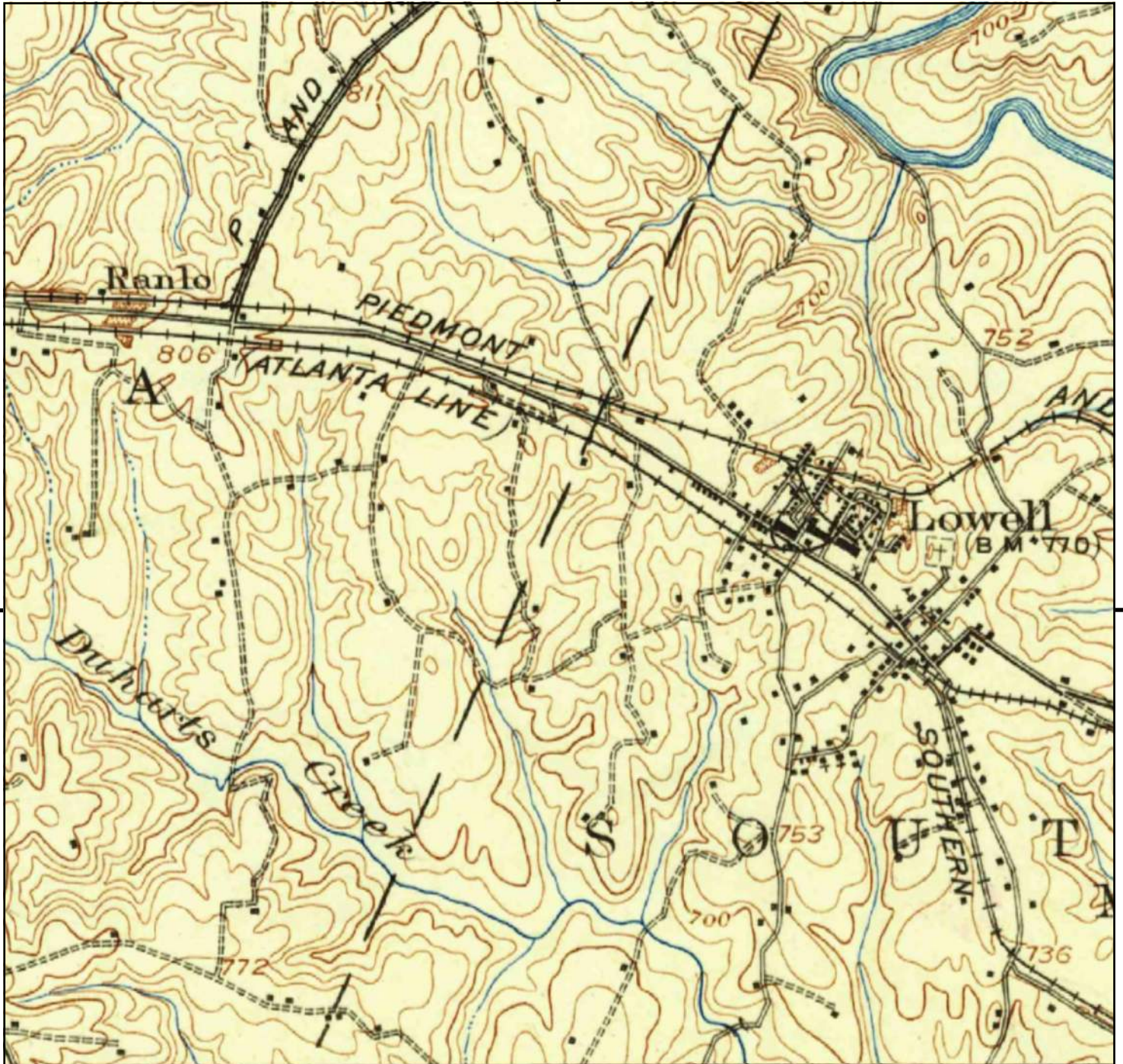
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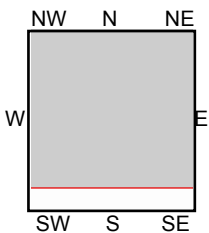
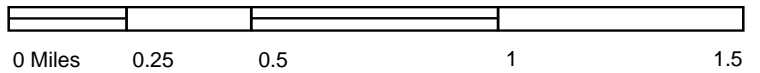
TP, Mount Holly, 1996, 7.5-minute
 SE, Belmont, 1996, 7.5-minute
 SW, Gastonia South, 1996, 7.5-minute
 NW, Gastonia North, 1996, 7.5-minute

SITE NAME: Lineberger Property
 ADDRESS: North Carolina
 Gastonia, NC 28054
 CLIENT: Kimley-Horn & Associates, Inc





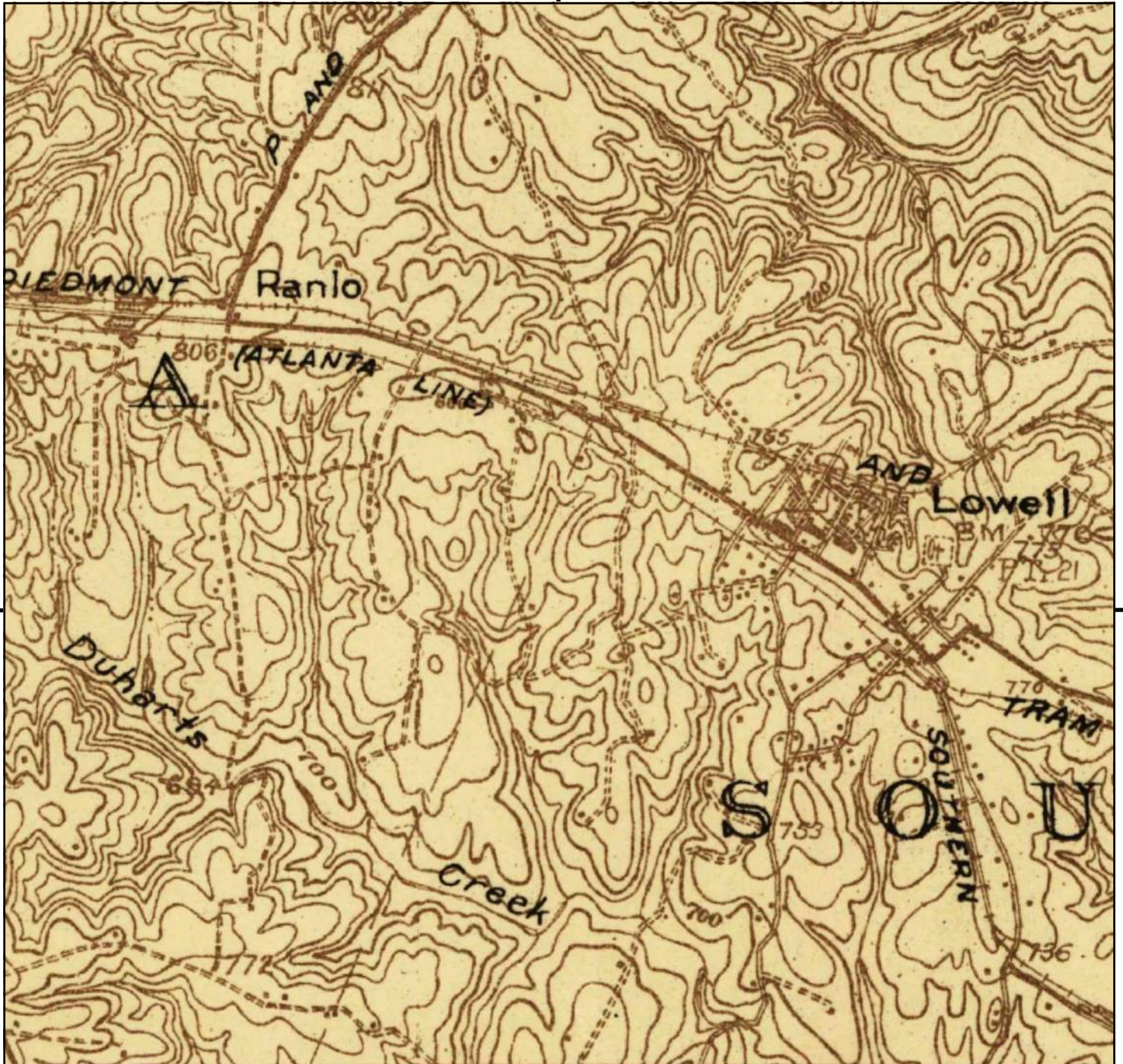
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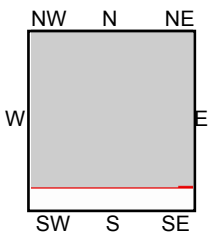
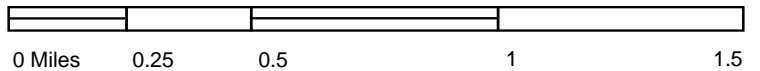
SITE NAME: Lineberger Property
 ADDRESS: North Carolina
 Gastonia, NC 28054
 CLIENT: Kimley-Horn & Associates, Inc





UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED
 UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED

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



TP, Gastonia, 1914, 15-minute

SITE NAME: Lineberger Property
 ADDRESS: North Carolina
 Gastonia, NC 28054
 CLIENT: Kimley-Horn & Associates, Inc



APPENDIX D
NRCS
SOIL RESOURCE
REPORT



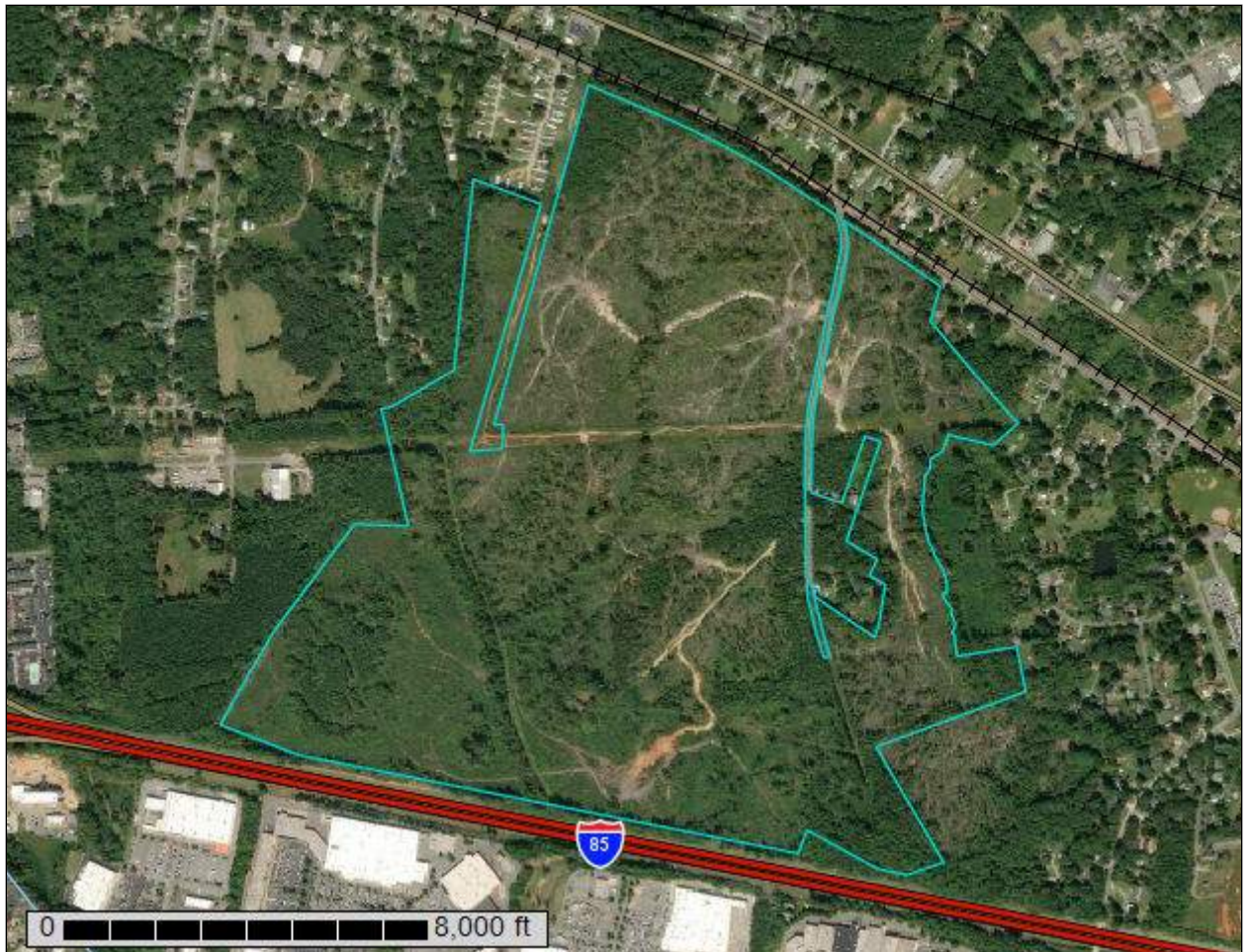
United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for Gaston County, North Carolina



July 11, 2018

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

Custom Soil Resource Report

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

Custom Soil Resource Report

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

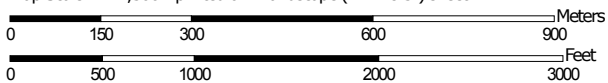
Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map






































Map Scale: 1:12,500 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

MAP LEGEND

- Area of Interest (AOI)**
- Area of Interest (AOI)
- Soils**
-  Soil Map Unit Polygons
-  Soil Map Unit Lines
-  Soil Map Unit Points
- Special Point Features**
-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot
-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Gaston County, North Carolina
 Survey Area Data: Version 17, Sep 26, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 23, 2014—Nov 28, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
AmB	Alamance variant gravelly loam, 2 to 8 percent slopes	20.6	6.6%
AmD	Alamance variant gravelly loam, 8 to 15 percent slopes	8.0	2.6%
CfB	Cecil-Urban land complex, 2 to 8 percent slopes	0.5	0.2%
ChA	Chewacla loam, 0 to 2 percent slopes, frequently flooded	14.9	4.8%
LcE	Lloyd loam, 15 to 25 percent slopes	10.1	3.3%
LdB2	Lloyd sandy clay loam, 2 to 8 percent slopes, moderately eroded	23.2	7.5%
LdD2	Lloyd sandy clay loam, 8 to 15 percent slopes, moderately eroded	12.4	4.0%
LgB	Lignum silt loam, 1 to 6 percent slopes	19.9	6.4%
TaB	Tatum gravelly loam, 2 to 8 percent slopes	118.9	38.3%
TaD	Tatum gravelly loam, 8 to 15 percent slopes	75.0	24.1%
WoA	Worsham loam, 0 to 2 percent slopes	7.2	2.3%
Totals for Area of Interest		310.8	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

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Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion

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of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Gaston County, North Carolina

AmB—Alamance variant gravelly loam, 2 to 8 percent slopes

Map Unit Setting

National map unit symbol: 3s6b
Elevation: 200 to 1,400 feet
Mean annual precipitation: 37 to 60 inches
Mean annual air temperature: 59 to 66 degrees F
Frost-free period: 200 to 240 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Alamance and similar soils: 80 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Alamance

Setting

Landform: Interfluves
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from metavolcanics and/or residuum weathered from argillite

Typical profile

Ap - 0 to 8 inches: gravelly loam
Bt - 8 to 27 inches: silty clay loam
C - 27 to 45 inches: silt loam
Cr - 45 to 80 inches: weathered bedrock

Properties and qualities

Slope: 2 to 8 percent
Depth to restrictive feature: 40 to 60 inches to paralithic bedrock
Natural drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Very low to high (0.00 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 6.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: B
Hydric soil rating: No

AmD—Alamance variant gravelly loam, 8 to 15 percent slopes

Map Unit Setting

National map unit symbol: 3s6c

Elevation: 200 to 1,400 feet

Mean annual precipitation: 37 to 60 inches

Mean annual air temperature: 59 to 66 degrees F

Frost-free period: 200 to 240 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Alamance and similar soils: 80 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Alamance

Setting

Landform: Hillslopes on ridges

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Side slope

Down-slope shape: Linear

Across-slope shape: Convex

Parent material: Residuum weathered from metavolcanics and/or residuum weathered from argillite

Typical profile

Ap - 0 to 8 inches: gravelly loam

Bt - 8 to 27 inches: silty clay loam

C - 27 to 45 inches: silt loam

Cr - 45 to 80 inches: weathered bedrock

Properties and qualities

Slope: 8 to 15 percent

Depth to restrictive feature: 40 to 60 inches to paralithic bedrock

Natural drainage class: Well drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water (Ksat): Very low to high (0.00 to 1.98 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water storage in profile: Moderate (about 6.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: B

Hydric soil rating: No

CfB—Cecil-Urban land complex, 2 to 8 percent slopes

Map Unit Setting

National map unit symbol: 3s6h
Elevation: 200 to 1,400 feet
Mean annual precipitation: 37 to 60 inches
Mean annual air temperature: 55 to 66 degrees F
Frost-free period: 160 to 240 days
Farmland classification: Not prime farmland

Map Unit Composition

Cecil and similar soils: 50 percent
Urban land: 30 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Cecil

Setting

Landform: Interfluves
Landform position (two-dimensional): Summit, shoulder
Landform position (three-dimensional): Interfluve
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Saprolite derived from granite and gneiss and/or schist

Typical profile

Ap - 0 to 6 inches: sandy clay loam
Bt - 6 to 40 inches: clay
BC - 40 to 55 inches: clay loam
C - 55 to 80 inches: sandy loam

Properties and qualities

Slope: 2 to 8 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 8.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Hydric soil rating: No

Description of Urban Land

Setting

Parent material: Impervious layers over human transported material

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8

Hydric soil rating: No

Minor Components

Udorthents, loamy

Percent of map unit: 10 percent

Landform: Hillslopes on ridges

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Side slope

Down-slope shape: Linear

Across-slope shape: Convex

Hydric soil rating: No

ChA—Chewacla loam, 0 to 2 percent slopes, frequently flooded

Map Unit Setting

National map unit symbol: 2sclw

Elevation: 90 to 1,930 feet

Mean annual precipitation: 40 to 69 inches

Mean annual air temperature: 50 to 66 degrees F

Frost-free period: 180 to 280 days

Farmland classification: Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season

Map Unit Composition

Chewacla, frequently flooded, and similar soils: 80 percent

Minor components: 20 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Chewacla, Frequently Flooded

Setting

Landform: Flood plains

Landform position (two-dimensional): Toeslope

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Alluvium

Typical profile

A - 0 to 10 inches: loam

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Bw - 10 to 80 inches: sandy clay loam

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Somewhat poorly drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)

Depth to water table: About 6 to 24 inches

Frequency of flooding: Frequent

Frequency of ponding: None

Available water storage in profile: High (about 10.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4w

Hydrologic Soil Group: B/D

Hydric soil rating: No

Minor Components

Toccoa, frequently flooded

Percent of map unit: 15 percent

Landform: Flood plains

Landform position (two-dimensional): Toeslope

Down-slope shape: Linear

Across-slope shape: Linear

Hydric soil rating: No

Wehadkee, ponded

Percent of map unit: 5 percent

Landform: Flood plains

Landform position (two-dimensional): Toeslope

Down-slope shape: Linear

Across-slope shape: Linear

Hydric soil rating: Yes

LcE—Lloyd loam, 15 to 25 percent slopes

Map Unit Setting

National map unit symbol: 2mcxl

Elevation: 200 to 1,400 feet

Mean annual precipitation: 37 to 60 inches

Mean annual air temperature: 59 to 66 degrees F

Frost-free period: 200 to 240 days

Farmland classification: Not prime farmland

Map Unit Composition

Lloyd and similar soils: 85 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Lloyd

Setting

Landform: Hillslopes on ridges

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Side slope

Down-slope shape: Linear

Across-slope shape: Convex

Parent material: Saprolite derived from diorite and/or gabbro and/or diabase and/or gneiss

Typical profile

Ap - 0 to 8 inches: loam

Bt1 - 8 to 38 inches: clay

Bt2 - 38 to 49 inches: clay loam

BC - 49 to 80 inches: loam

Properties and qualities

Slope: 15 to 25 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water storage in profile: Moderate (about 7.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: B

Hydric soil rating: No

LdB2—Lloyd sandy clay loam, 2 to 8 percent slopes, moderately eroded

Map Unit Setting

National map unit symbol: 2mcxj

Elevation: 200 to 1,400 feet

Mean annual precipitation: 37 to 60 inches

Mean annual air temperature: 59 to 66 degrees F

Frost-free period: 200 to 240 days

Farmland classification: All areas are prime farmland

Map Unit Composition

Lloyd, moderately eroded, and similar soils: 90 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Lloyd, Moderately Eroded

Setting

Landform: Interfluves
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Saprolite derived from diorite and/or gabbro and/or diabase and/or gneiss

Typical profile

Ap - 0 to 7 inches: clay loam
Bt1 - 7 to 58 inches: clay
Bt2 - 58 to 73 inches: clay loam
C - 73 to 80 inches: loam

Properties and qualities

Slope: 2 to 8 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 8.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: B
Hydric soil rating: No

LdD2—Lloyd sandy clay loam, 8 to 15 percent slopes, moderately eroded

Map Unit Setting

National map unit symbol: 2mcxk
Elevation: 200 to 1,400 feet
Mean annual precipitation: 37 to 60 inches
Mean annual air temperature: 59 to 66 degrees F
Frost-free period: 200 to 240 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Lloyd, moderately eroded, and similar soils: 80 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Lloyd, Moderately Eroded

Setting

Landform: Hillslopes
Landform position (three-dimensional): Interfluve
Down-slope shape: Linear
Across-slope shape: Convex
Parent material: Saprolite derived from diorite and/or gabbro and/or diabase and/or gneiss

Typical profile

Ap - 0 to 7 inches: clay loam
Bt1 - 7 to 58 inches: clay
Bt2 - 58 to 73 inches: clay loam
C - 73 to 80 inches: loam

Properties and qualities

Slope: 8 to 15 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 8.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Hydric soil rating: No

LgB—Lignum silt loam, 1 to 6 percent slopes

Map Unit Setting

National map unit symbol: 3s6s
Elevation: 150 to 1,400 feet
Mean annual precipitation: 37 to 60 inches
Mean annual air temperature: 59 to 66 degrees F
Frost-free period: 200 to 240 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Lignum and similar soils: 85 percent
Minor components: 14 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Lignum

Setting

Landform: Interfluves

Landform position (two-dimensional): Summit

Landform position (three-dimensional): Interfluve

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from metavolcanics and/or residuum weathered from argillite

Typical profile

A - 0 to 2 inches: silt loam

E - 2 to 12 inches: silt loam

Bt - 12 to 39 inches: silty clay

C - 39 to 56 inches: silt loam

Cr - 56 to 80 inches: weathered bedrock

Properties and qualities

Slope: 2 to 6 percent

Depth to restrictive feature: 40 to 60 inches to paralithic bedrock

Natural drainage class: Moderately well drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: About 12 to 30 inches

Frequency of flooding: None

Frequency of ponding: None

Available water storage in profile: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 2e

Hydrologic Soil Group: D

Hydric soil rating: No

Minor Components

Cid

Percent of map unit: 8 percent

Landform: Interfluves

Landform position (two-dimensional): Summit

Landform position (three-dimensional): Interfluve

Down-slope shape: Convex

Across-slope shape: Linear

Hydric soil rating: No

Herndon

Percent of map unit: 5 percent

Landform: Interfluves

Landform position (two-dimensional): Summit

Landform position (three-dimensional): Interfluve

Down-slope shape: Convex

Across-slope shape: Convex

Hydric soil rating: No

Roanoke, undrained

Percent of map unit: 1 percent
Landform: Depressions on stream terraces, backswamps on stream terraces
Landform position (three-dimensional): Flat
Down-slope shape: Concave
Across-slope shape: Linear
Hydric soil rating: Yes

TaB—Tatum gravelly loam, 2 to 8 percent slopes

Map Unit Setting

National map unit symbol: 3s72
Elevation: 200 to 1,400 feet
Mean annual precipitation: 37 to 60 inches
Mean annual air temperature: 59 to 66 degrees F
Frost-free period: 200 to 240 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Tatum and similar soils: 85 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Tatum

Setting

Landform: Interfluves
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from schist and/or other metamorphic rock

Typical profile

Ap - 0 to 7 inches: gravelly silt loam
Bt - 7 to 42 inches: silty clay loam
Cr - 42 to 80 inches: weathered bedrock

Properties and qualities

Slope: 2 to 8 percent
Depth to restrictive feature: 40 to 60 inches to paralithic bedrock
Natural drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Very low to high (0.00 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Low (about 4.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: B
Hydric soil rating: No

TaD—Tatum gravelly loam, 8 to 15 percent slopes

Map Unit Setting

National map unit symbol: 3s73
Elevation: 200 to 1,400 feet
Mean annual precipitation: 37 to 60 inches
Mean annual air temperature: 59 to 66 degrees F
Frost-free period: 200 to 240 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Tatum and similar soils: 85 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Tatum

Setting

Landform: Hillslopes on ridges
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Linear
Across-slope shape: Convex
Parent material: Residuum weathered from schist and/or other metamorphic rock

Typical profile

Ap - 0 to 7 inches: gravelly silt loam
Bt - 7 to 42 inches: silty clay loam
Cr - 42 to 80 inches: weathered bedrock

Properties and qualities

Slope: 8 to 15 percent
Depth to restrictive feature: 40 to 60 inches to paralithic bedrock
Natural drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Very low to high (0.00 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Low (about 4.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Hydric soil rating: No

WoA—Worsham loam, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 3s7j
Elevation: 200 to 1,400 feet
Mean annual precipitation: 37 to 60 inches
Mean annual air temperature: 59 to 66 degrees F
Frost-free period: 200 to 240 days
Farmland classification: Not prime farmland

Map Unit Composition

Worsham, undrained, and similar soils: 80 percent
Worsham, drained, and similar soils: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Worsham, Undrained

Setting

Landform: Depressions
Landform position (two-dimensional): Footslope
Down-slope shape: Concave
Across-slope shape: Concave
Parent material: Alluvium and/or colluvium over saprolite derived from granite and gneiss

Typical profile

A - 0 to 6 inches: loam
BA - 6 to 16 inches: clay loam
Bt - 16 to 45 inches: clay
BC - 45 to 80 inches: clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Poorly drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 8.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 5w
Hydrologic Soil Group: D
Hydric soil rating: Yes

Description of Worsham, Drained

Setting

Landform: Depressions

Landform position (two-dimensional): Footslope

Down-slope shape: Concave

Across-slope shape: Concave

Parent material: Alluvium and/or colluvium over saprolite derived from granite and gneiss

Typical profile

A - 0 to 6 inches: loam

BA - 6 to 16 inches: clay loam

Bt - 16 to 45 inches: clay

BC - 45 to 80 inches: clay loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Poorly drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: About 0 to 12 inches

Frequency of flooding: None

Frequency of ponding: None

Available water storage in profile: Moderate (about 8.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: D

Hydric soil rating: Yes

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APPENDIX E
USER QUESTIONNAIRE

ASTM E1527-13 USER QUESTIONNAIRE

When the “user” (the party for whom the assessment is being prepared) of the Phase I is required to help the environmental professional identify recognized environmental conditions at the property, a “User Questionnaire” is completed by the user to help gather information that may identify recognized environmental conditions at the property.

We ask that you answer the six questions below to the best of your knowledge. We understand that, in some circumstances, you may have little or no information. Still, we encourage you to complete and return the questionnaire as soon as possible. This will allow us to reflect the fact that the Questionnaire was completed when we issue our report as is required. Completion of the assessment to the new standard, when conducted in connection with the asset purchase of a real property, may entitle the user to certain federal liability protections that result from conducting "All Appropriate Inquiries" into the previous ownership and uses of a property.

On the second page of this form is a list of documentation. The E1527-13 Standard requires that the User will ensure that the consultant is made aware that any of these materials exist for a site, and if so, that these documents be provided for the consultant’s review. Please indicate whether any of these documents are available, and ensure that Environmental Services Company will either receive copies or be provided an opportunity to review the relevant materials.

We appreciate your assistance. If you have any questions, feel free to contact us.

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
2. Are you aware of any Activity and Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls 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
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
4. Does the purchase price/loan amount for this property reasonably reflect the fair market value of the property? 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? Not for sale
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? (b.) Do you know of specific chemicals that are present or once were present at the property? (c.) Do you know of spills or other chemical releases that have taken place at the property? (d.) Do you know of any environmental cleanups that have taken place at the property?
 - a) Farmland; b) No; c) No; d) Automobile gasoline tanks were removed 15-20 years ago
6. 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

ASTM E1527-13 USER QUESTIONNAIRE

As part of this study, which of the following are you providing?

1. Previous environmental site assessment reports o Yes o No
2. Environmental compliance audit reports o Yes o No
3. Environmental permits (including but not limited to solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits) o Yes o No
4. Registrations for underground and aboveground storage tanks o Yes o No
5. Registrations for underground injection systems o Yes o No
6. Material safety data sheets o Yes o No
7. Community Right-to-Know plan o Yes o No
8. Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc. o Yes o No
9. Reports regarding hydrogeologic conditions on the property or surrounding area o Yes o No
10. Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property o Yes o No
11. Hazardous waste generator notices or reports o Yes o No
12. Geotechnical studies o Yes o No
13. Risk assessments o Yes o No
14. Recorded Activity and Use Limitations (AULs). o Yes o No

Please contact us if you have any questions regarding these ASTM requirements.

Please return the completed document to Kimley Horn and Associates via email to kenny.jesensky@kimley-horn.com.

Completed by: Arch Lineberger

Signature: 

Title: Owner

Company: _____

Relationship to site (i.e. lender, purchaser,owner): Owner

Date: 7/11/18

ASTM E1527-13 USER QUESTIONNAIRE

When the "user" (the party for whom the assessment is being prepared) of the Phase I is required to help the environmental professional identify recognized environmental conditions at the property, a "User Questionnaire" is completed by the user to help gather information that may identify recognized environmental conditions at the property.

We ask that you answer the six questions below to the best of your knowledge. We understand that, in some circumstances, you may have little or no information. Still, we encourage you to complete and return the questionnaire as soon as possible. This will allow us to reflect the fact that the Questionnaire was completed when we issue our report as is required. Completion of the assessment to the new standard, when conducted in connection with the asset purchase of a real property, may entitle the user to certain federal liability protections that result from conducting "All Appropriate Inquiries" into the previous ownership and uses of a property.

On the second page of this form is a list of documentation. The E1527-13 Standard requires that the User will ensure that the consultant is made aware that any of these materials exist for a site, and if so, that these documents be provided for the consultant's review. Please indicate whether any of these documents are available, and ensure that Environmental Services Company will either receive copies or be provided an opportunity to review the relevant materials.

We appreciate your assistance. If you have any questions, feel free to contact us.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?
2. Are you aware of any Activity and Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?
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?
4. Does the purchase price/loan amount for this property reasonably reflect the fair market value of the property? 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?
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? (b.) Do you know of specific chemicals that are present or once were present at the property? (c.) Do you know of spills or other chemical releases that have taken place at the property? (d.) Do you know of any environmental cleanups that have taken place at the property?
6. 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?

ASTM E1527-13 USER QUESTIONNAIRE


As part of this study, which of the following are you providing?

- 1. Previous environmental site assessment reports Yes No
- 2. Environmental compliance audit reports Yes No
- 3. Environmental permits (including but not limited to solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits) Yes No
- 4. Registrations for underground and aboveground storage tanks Yes No
- 5. Registrations for underground injection systems Yes No
- 6. Material safety data sheets Yes No
- 7. Community Right-to-Know plan Yes No
- 8. Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc. Yes No
- 9. Reports regarding hydrogeologic conditions on the property or surrounding area Yes No
- 10. Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property Yes No
- 11. Hazardous waste generator notices or reports Yes No
- 12. Geotechnical studies Yes No
- 13. Risk assessments Yes No
- 14. Recorded Activity and Use Limitations (AULs). Yes No

Please contact us if you have any questions regarding these ASTM requirements.

Please return the completed document to Kimley Horn and Associates via email to kenny.jesensky@kimley-horn.com.

Completed by: Rusty Bost

Signature: 

Title: Director of Dev. Services

Company: City of Gastonia

Relationship to site (i.e. lender, purchaser, owner): _____

Date: _____

APPENDIX F
HISTORICAL AERIAL
PHOTOGRAPHS



Lineberger Property

North Carolina

Gastonia, NC 28054

Inquiry Number: 5326017.11

June 08, 2018

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

06/08/18

Site Name:

Lineberger Property
North Carolina
Gastonia, NC 28054
EDR Inquiry # 5326017.11

Client Name:

Kimley-Horn & Associates, Inc
802 Gervais St
Columbia, SC 29201
Contact: Kenny Jesensky



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=750'	Flight Year: 2016	USDA/NAIP
2012	1"=750'	Flight Year: 2012	USDA/NAIP
2009	1"=750'	Flight Year: 2009	USDA/NAIP
2006	1"=750'	Flight Year: 2006	USDA/NAIP
1993	1"=750'	Acquisition Date: February 24, 1993	USGS/DOQQ
1989	1"=750'	Flight Date: March 11, 1989	USGS
1984	1"=750'	Flight Date: February 02, 1984	USGS
1976	1"=750'	Flight Date: February 12, 1976	USGS
1964	1"=750'	Flight Date: October 09, 1964	USGS
1961	1"=750'	Flight Date: August 16, 1961	USGS
1956	1"=750'	Flight Date: March 04, 1956	USDA
1950	1"=750'	Flight Date: November 14, 1950	USGS
1948	1"=750'	Flight Date: February 29, 1948	USGS
1938	1"=750'	Flight Date: January 01, 1938	FirstSearch

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INQUIRY # 5326017.11

YEAR: 2016

— = 750'



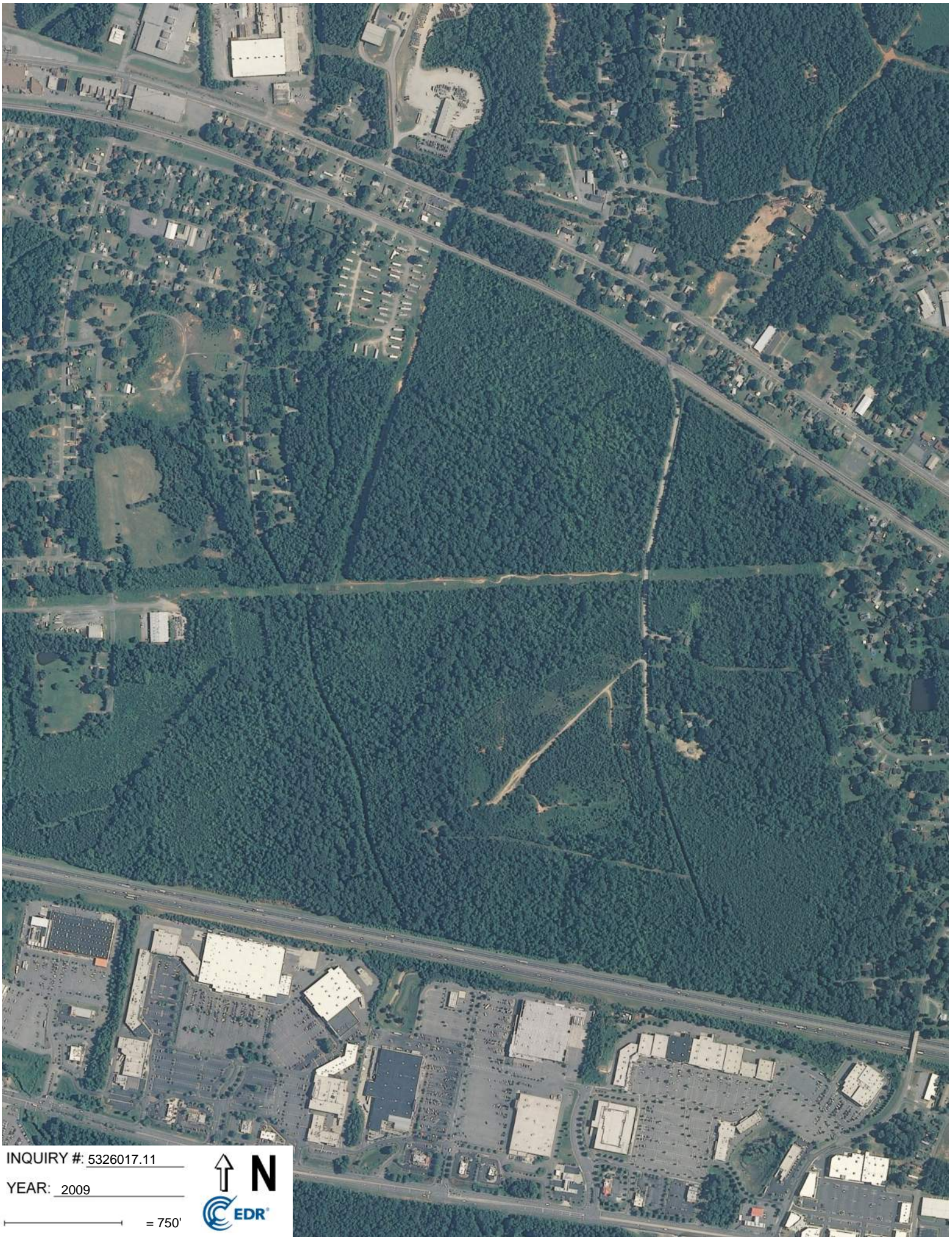


INQUIRY # 5326017.11

YEAR: 2012

— = 750'





INQUIRY # 5326017.11

YEAR: 2009

— = 750'





INQUIRY #: 5326017.11

YEAR: 2006

— = 750'





INQUIRY #: 5326017.11

YEAR: 1993

— = 750'



Subject boundary not shown because it e



INQUIRY #: 5326017.11

YEAR: 1989

— = 750'





INQUIRY #: 5326017.11

YEAR: 1984

— = 750'





INQUIRY #: 5326017.11

YEAR: 1976

 = 750'





INQUIRY #: 5326017.11

YEAR: 1964

— = 750'





INQUIRY # 5326017.11

YEAR: 1961

 = 750'



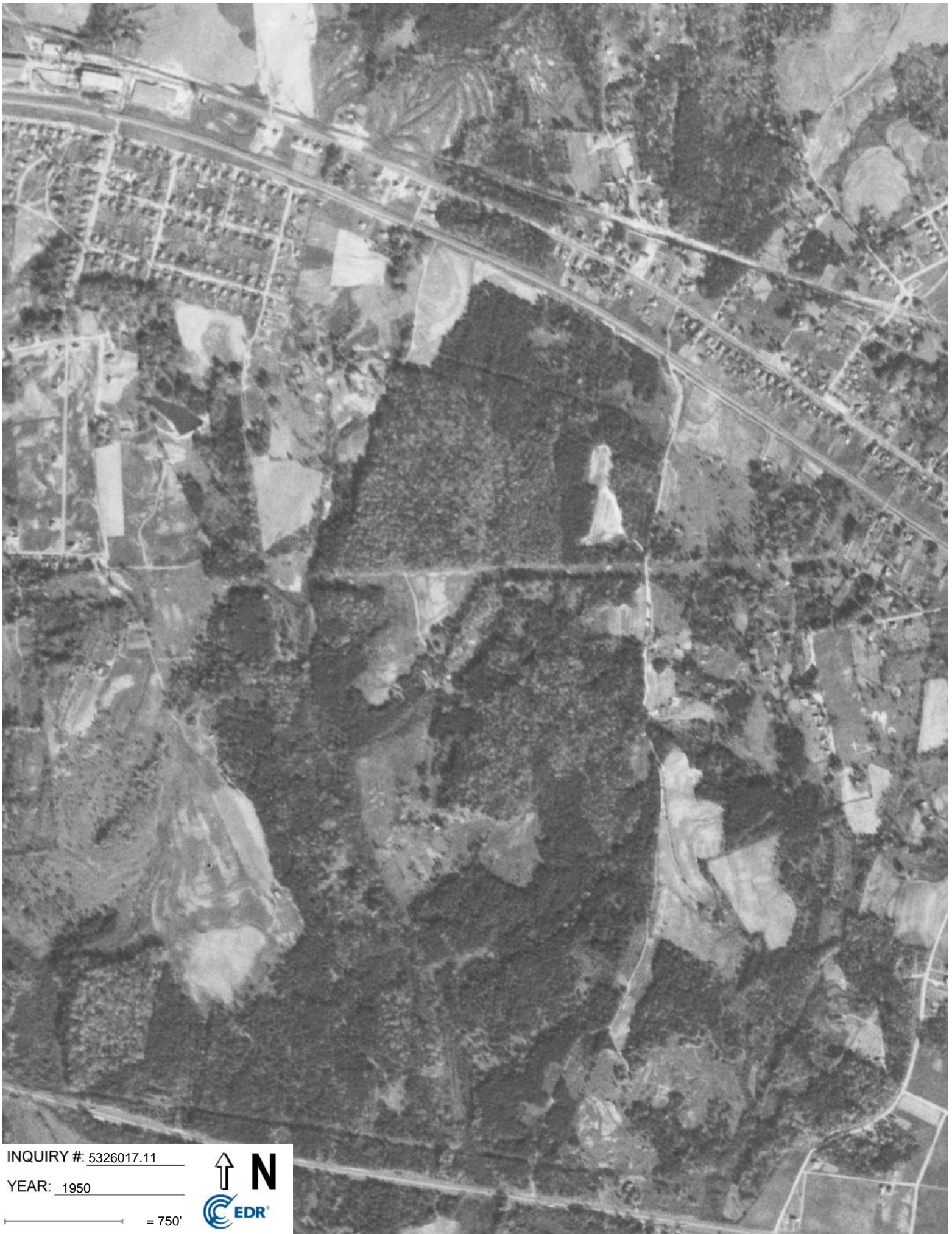


INQUIRY #: 5326017.11

YEAR: 1956

— = 750'





INQUIRY #: 5326017.11

YEAR: 1950

— = 750'





INQUIRY # 5326017.11

YEAR: 1948

— = 750'





INQUIRY #: 5326017.11

YEAR: 1938

— = 750'



APPENDIX G
CITY DIRECTORY



Lineberger Property

North Carolina
Gastonia, NC 28054

Inquiry Number: 5326017.5
June 13, 2018

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

infoUSA[®]

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1986	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1981	<input type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory
1976	<input type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory
1971	<input type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory
1967	<input type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory

FINDINGS

TARGET PROPERTY STREET

North Carolina
Gastonia, NC 28054

Year CD Image Source

LINEBERGER ST

2014	pg A1	EDR Digital Archive	
2010	pg A2	EDR Digital Archive	
2005	pg A3	EDR Digital Archive	
2000	pg A4	EDR Digital Archive	
1995	pg A5	EDR Digital Archive	
1992	pg A6	EDR Digital Archive	
1986	pg A7	Polk's City Directory	
1981	-	Hill's City Directory	Target and Adjoining not listed in Source
1976	-	Hill's City Directory	Target and Adjoining not listed in Source
1971	-	Hill's City Directory	Target and Adjoining not listed in Source
1967	-	Hill's City Directory	Target and Adjoining not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

LINEBERGER ST 2014

17	HICKS, DOROTHY H
19	HUFFMAN, WILLIE L OCCUPANT UNKNOWN, REED, TISHA
21	HULCEY, DAVID D
23	BONNER, SHELLY
25	GRIFFIN, RONALD M
27	CALHOUN, SHANE
28	RANKIN LAWN CARE RANKIN, DAVID B
29	CAMPBELL, MICHELLE A
31	EVERITT, AMY C
33	GOUDE, WAYNE
37	OCCUPANT UNKNOWN,
39	MARTIN, THELMA G
41	OCCUPANT UNKNOWN,
43	PATTERSON, MARY E
45	RAY, MARTHA P
47	MCCURRY, MONTE L
49	SIMONDS, LARRY G
50	CASE, KIRBY D ENDEAVOR ENTPS GASTON CNTY LLC
51	FORD, JANNETT D
727	CLIPPARD, DAVID A
808	VANDERLIP, GILL
810	RUSSELL, BOB G
813	GASTON INTERNET SOLUTIONS LAND, GARY P
814	NAVY, ROY L
815	BOWYER, JOY C
816	HOPE, CHRISTOPHER A
819	ENGLAND, PATRICIA
820	MORRISON, MARK A
822	DEAL, TERRY W
901	MITCHEM, DONNA
904	DOLLAR, DAVID B
905	OCCUPANT UNKNOWN,
908	OCCUPANT UNKNOWN,
909	COOK, TRACY L
910	DIXON, DAVID R
911	COLEY, BARBARA

LINEBERGER ST 2010

17	CHILDERS, LINDA C
19	HICKS, DOROTHY H OCCUPANT UNKNOWN,
21	HULCEY, DAVID D
23	BONNER, SHELLY
25	GRIFFIN, RONALD M
27	CALHOUN, TOMMY L
28	RANKIN LAWN CARE RANKIN, DAVID B
29	PATTERSON, MARY G
31	EIDSON, JASON S
33	GOUDE, EVA J
37	CARTER, GOMER K
39	MARTIN, THELMA E
41	OCCUPANT UNKNOWN,
43	PATTERSON, PAUL W
47	MCCURRY, MONTE L
49	SIMONDS, JOYCE S
50	CASE, KIRBY D
51	FORD, JANNETT D
727	RAY, MARTHA P
808	VANDERLIP, MILLER G
810	RUSSELL, BOB G
813	LAND GERHARDT PAUL LAND, GARY P
814	NAVY, ROY L
815	ROLLINS, SHERRY
816	SCISM, LISA C
819	OCCUPANT UNKNOWN,
820	MONTEITH, ERIC W
822	A TOUCH ABOVE OCCUPANT UNKNOWN,
901	MITCHEM, DONNA
904	DOLLAR, DAVID B
905	SMITH, FRANK R
908	BROOKS, GREGORY J
909	SELLERS, MICHAEL
910	DIXON, DAVID R
911	HAGEN, BARBARA A

LINEBERGER ST 2005

17 BLANTON, RONALD W
EASON, CHRISTOPHER S
ROACH, SYLVIA
THOMPSON, CHARLOTTE
19 JARRELL, DONNA
OCCUPANT UNKNOWN,
21 HULCEY, DAVID D
23 OCCUPANT UNKNOWN,
25 GRIFFIN, RONALD M
27 CALHOUN, TOMMY L
28 SPENCER, LINDA H
29 WIGGINS, TONYA
31 EVERITT, AMY C
33 GOUDE, EVA J
37 CARTER, GOMER K
39 MARTIN, THELMA G
41 OCCUPANT UNKNOWN,
43 PATTERSON, PAUL W
45 RAY, MARTHA P
47 MCCURRY, MONTE L
49 SIMONDS, JOYCE A
51 STEWART, LAURA J
727 FRANCIS, MARC A
808 VANDERLIP, MILLER G
810 RUSSELL, BOB G
813 LAND, GARY P
814 NAVY, ROY L
815 OCCUPANT UNKNOWN,
819 PUTNAM, BRENT E
820 OCCUPANT UNKNOWN,
822 OCCUPANT UNKNOWN,
904 DOLLAR, DAVID B
905 SMITH, FRANK R
908 BROOKS, GREGORY J
909 CROWE, ALISA
910 OCCUPANT UNKNOWN,
911 ROBERTS, CHERYL A

LINEBERGER ST 2000

17	THOMPSON, C
21	D HULCEY PAINTING CONTRACTORS HULCEY, DAVID
23	FELAN, DONNA
29	KISER, BARBARA
31	MONK, TIMMY
45	RAY, MP
47	MCCURRY, SHELIA
49	HOLLAND, JANICE
727	FRANCIS, MARC
813	LAND, GARY P
814	NAVY, ROY L
820	MONTEITH, ERIC
901	MITCHEM, SAM
908	BURTON, TODD

LINEBERGER ST 1995

17	BELL, V C
19	LINGERFELT, AMY
21	HULCEY, DAVID
23	AUTRY, JERRY L
25	OCCUPANT UNKNOWNN
29	OCCUPANT UNKNOWNN
31	OCCUPANT UNKNOWNN
33	GOUDE, EVA J
	MORGAN THOMAS LEE
37	CARTER, VERNON
41	HEFFNER, HELEN M
45	RAY, MP
511	OCCUPANT UNKNOWNN
517	CRAWFORD, DORA
519	CRAWFORD, NEAL F JR
523	CRAWFORD, DONALD
529	HENDERSON, GLENN
727	FRANCIS, MARC
808	EDWARDS, TRAVIS
	STOWE, KATHRYN
810	WALLACE, MYRTLE L
813	LAND, GARY P
814	NAVY, ROY L
815	DEAL, MICHAEL E
816	USERY, KEVIN J
819	PUTNAM, BRENT
820	MONTEITH, ERIC
822	OCCUPANT UNKNOWNN
901	HANLINE, RONALD
904	DOLLAR, DAVID
905	SMITH, BARBARA
908	OCCUPANT UNKNOWNN
909	OCCUPANT UNKNOWNN
910	ADAMS, MARY A

LINEBERGER ST 1992

17	BUMGARDNER, MIKE
19	OVERMAN, T
23	AUTRY, JERRY L
25	MORROW, JOHN
33	MORGAN THOMAS LEE
37	CARTER, VERNON
45	RAY, MP
517	CRAWFORD, DORA
523	CRAWFORD, DONALD
611	OLIVER, TINA
727	MATHESON, DALE
808	SETZER, SHERRY
810	WALLACE, MYRTLE L
814	NAVY ROY L
815	DEAL, MICHAEL
	DEALS PLUMBING CO
816	LONG, ROBIN W
	USERY, KEVIN J
820	JONES, BURL D
822	LEMONS, MYRTLE E
904	DOLLAR, DAVID
905	SMITH, BARBARA
909	MITCHEM, RODNEY
910	BARNES, MARY G
81312	BUCHANAN, JAMES D

LINEBERGER ST 1986

29

**LINEBERGER ST (LOWELL)—FROM
1100-N MAIN ST SOUTHWEST (1 BLK)
AND NORTHEAST 2 NORTH OF P&N
RY**

ZIP CODE 28098

NUMBERS IRREGULAR

727★High Fred A Rev 824-1953

808 Vanderlip Gill © 824-4480

809 Page Bessie

810 Wallace Myrtle L Mrs © 824-1650

813 Buchanan James D © 824-2834

813½ Buchanan Robt W 824-8304

814 Navy Roy ©

815 Deal's Plumbing Co 824-9795

Deal Michl E © 824-9795

816 Mc Graw Josephine M Mrs © 824-4945

819 Trapp Donald W © 824-3805

820 Jones Burrell D © 824-4580

822 Lemons Thurman H © 824-2695

8 901★Mitchem Sam R Jr 824-9334

904 Dollar John W © 824-2029

905 Smith Frank R © 824-8542

908★Daniels Sharon S 824-3887

909 Mitchem Saml R © 824-2059

910 Barnes Mary G 824-2481

911 Woodlawn Baptist Church (side
entrance)**MAIN INTERSECTS**

17a★Gilliland Danny

17b★Baker Roger

19a★Overman Tony H 824-4814

19b★Messer Roy

19c Vacant

STOWE BEGINS

21 Hulcey J David pntg contr 824-3754

23★Autry Jerry

25 Ballard Donald R 824-1156

27 Calhoun Lucille ©

BLACK ST BEGINS

29 Dockery Barbara K Mrs ©

31 Thorn Robt

33 Flouton Robt 824-9265

37 Carter Vernon 824-2837

39★Gosnell Melvin E © 824-8550

41 Heffner Edna G Mrs ©

APPENDIX H
HISTORICAL FIRE
INSURANCE MAPS



Lineberger Property

North Carolina

Gastonia, NC 28054

Inquiry Number: 5326017.3

June 08, 2018

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

06/08/18

Site Name:

Lineberger Property
North Carolina
Gastonia, NC 28054
EDR Inquiry # 5326017.3

Client Name:

Kimley-Horn & Associates, Inc
802 Gervais St
Columbia, SC 29201
Contact: Kenny Jesensky



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Kimley-Horn & Associates, Inc were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 447A-442B-B649

PO # NA

Project Linberger Property

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.



Sanborn® Library search results

Certification #: 447A-442B-B649

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others 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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APPENDIX I
INTERVIEW DOCUMENTATION

NCJC.LSD.Public Records PublicRecordsRequest@nccourts.org
RE: Webform submission from: Public Records Request
To:Jesensky, Kenny Kenny.Jesensky@kimley-horn.com

Thank you for your public records request. After reviewing your request, we have determined that we have no public records that meet your request.

Please note, NCGS §132-6.2, provides, “nothing in this section shall be construed to require a public agency to respond to a request for a copy of a public record by creating or compiling a record that does not exist.”

You may also want to obtain some of the information you are seeking from the following websites:

<http://www.nctreasurer.com>

<http://www.nccourts.org/Courts/OCO/Clerk/Escheats.asp>

Thank you for your inquiry.
publicrecords@nccourts.org

Website: nccourts.gov

From: North Carolina Judicial Branch [<mailto:webrequests@nccourts.org>]

Sent: Tuesday, July 03, 2018 9:04 AM

To: NCJC.LSD.Public Records

Subject: Webform submission from: Public Records Request

Submitted on Tue, 07/03/2018 - 09:03

Submitted by: Anonymous

Submitted values are:

Section A - Requesting Individual

Name of Requesting Individual

Kenneth Jesensky

Title within Firm or Organization, if any

Kimley Horn and Associates

Phone Number

8034038580

Email Address

kenny.jesensky@kimley-horn.com

Mailing Street Address 1

802 Gervais Suite Suite 201

City

Columbia

State

South Carolina

ZIP Code

29205

Section B - Records Requested

Description of the Records Requested

Any Information regarding the following properties(Parcel Numbers):

137876

138012

127779

127822

Information obtained will be used to complete a Phase I Environmental Site assessment at the request of the property owner. Examples of helpful information include, but are not limited to: Hazard material spills, leaks, or other environmental nature incidents.

Thank you.

North Carolina Judicial Branch

E-mail correspondence to and from this address may be subject to the North Carolina public records laws and if so, may be disclose

APPENDIX J
SITE PHOTOGRAPHS



Photos 1 and 2 – Typical landscape view of subject property within a mature forested area



Photos 3 and 4 – Typical landscape view of Subject Property in areas of cleared forest



Photos 5 and 6 – Perineal Streams located on the subject property.



Photo7 and 8 – Perineal Streams located on the subject property



Photo 5 – Wetland vegetation located on the subject property.

Photo 6 – Service road located on the subject property.



Photo 6 – De minimis debris dumping observed within Parcel 127779

Photo 7 – Sanitary sewer manhole located on the subject property.

APPENDIX K
PERSONNEL QUALIFICATIONS



Tara Alden, Associate

Compensatory Mitigation, Wetland and Stream Delineation and Permitting, NEPA Documentation

Professional Credentials

Juris Doctor, University of South Carolina, 2001

Master of Science, Ecology, North Carolina State University, 1996

Bachelor of Science, Advertising, University of Florida, 1990

Licensed Attorney in SC

Tara is an ecologist and environmental attorney, specializing in developing and implementing compensatory mitigation projects and experienced in wetland delineation and permitting and NEPA documentation. She most recently spent 11 years working as a mitigation banker, assisting in the development of entrepreneurial wetland, stream, and nutrient mitigation banks across the nation. Tara is the current president of the South Carolina Mitigation Association and a member of the S.C. Bar Associations Regulatory Law and Lawyers' Wellness committees. Tara was an author on the Transportation Review Board's publication Legal Aspects of Conservation Easements: A Primer for Transportation Agencies (2013) and "Brownfields to Green: A Proposal for Redevelopment of Brownfields Property for Natural Resource Value" in The Environmental Law Reporter (2016).

Relevant Experience

- Property Mitigation Feasibility and Valuation Study, Union County, NC
- Bill Moore Mitigation Bank, Ennis, TX
- Palmetto Statewide Umbrella Wetland and Stream Mitigation Bank, Statewide, SC
- Tyger Tributaries Permittee Responsible Mitigation Project, Spartanburg, SC
- Two Rivers Stream and Wetland Mitigation Bank, Spartanburg, SC
- Jurisdictional Determination and General Permit for the Shaw Creek Bridge Replacement Project, Aiken County, SC
- Middle Neuse Stream and Wetland Umbrella Mitigation Bank, Neuse River Basin, NC
- Columbia Corridors Project, Columbia, SC
- S-654 Over Burgis Creek, York County, SC
- US 321 over Allison Creek, York County, SC



Kenneth Jesensky, Analyst

*GIS/GPS, Wetland/Stream
Delineation/Permitting/Mitigation*

Professional Credentials

Bachelor of Science,
Environmental Science
Florida State University,
2007

Kenny Jesensky is an environmental analyst specializing in GPS and GIS technologies; geospatial data collection and management; stream, wetland, and riparian buffer delineation; vegetative communities assessment; and rare, threatened, and endangered species habitat assessment and surveys. Kenny has 11 years of professional experience dealing with environmental and stormwater regulations, and has split his time in the private and public sectors.

Relevant Experience

- Laker Development Phase 1, Syracuse, NY
- Cardinal Cove Housing Development Phase 1, Union, NY
- Boones Creek Assemblage, Environmental Technical Report, Johnson City, TN
- Gray Commons Environmental Technical Report, Johnson City, TN
- Young Farm Environmental Technical Report, Johnson City, TN
- CenterPoint Properties, Tyger Tributaries Permittee Responsible Mitigation, Spartanburg, SC
- Palmetto Statewide Umbrella Mitigation Bank, Various Sites, SC
- Various abandoned coal mine groundwater quality investigations, Statewide, VA
- Various stream mitigation projects with Virginia DMME, Statewide, VA
- NCDOT SR45 wetland delineation, Bertie County, NC
- Virginia Solar site investigations and wetland assessments, Statewide, VA