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March 30, 2018

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Subject: **Phase I Environmental Site Assessment**
Secrest
Monroe, Union County, North Carolina
SUMMIT Project No. 4222.504

SUMMIT ENGINEERING, LABRATORY & TESTING, PC (**SUMMIT**) is pleased to submit the following report of our Phase I Environmental Site Assessment (ESA) of Secrest, located in Monroe, Union County, North Carolina (Union County Tax ID: 8105539). The assessment was performed in general accordance with ASTM Standard Practice E 1527-13: *Phase I Environmental Site Assessment Process*.

This report includes a description of the methodology of our investigation and a summary of our findings and conclusions. If you have any questions regarding our assessment of the subject property or our conclusions, please do not hesitate to call us at (704) 504-1717.

Sincerely,
SUMMIT

Michael D. Zavislak, NRCC-EAC, CHMM, CIH, PE
Environmental Department Manager

PHASE I ENVIRONMENTAL SITE ASSESSMENT

SECREST
MONROE
UNION COUNTY
NORTH CAROLINA
SUMMIT PROJECT NO. 4222.504

Prepared For:

MT Land
141 Providence Road
Charlotte, North Carolina 28207

Prepared By:

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March 30, 2018

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1.0 EXECUTIVE SUMMARY

SUMMIT ENGINEERING, LABORATORY & TESTING, PC (**SUMMIT**) has completed a Phase I Environmental Site Assessment (ESA) performed in general accordance with ASTM Standard E 1527-13 of Secrest, located in Monroe, Union County, North Carolina (Union County Tax ID: 8105539). **SUMMIT** personnel (Michael Zavislak) conducted the site reconnaissance on March 23, 2018.

A review of the public record for the site and immediate vicinity was conducted to characterize environmental features of the site and to identify past and present land use activities, on or in the vicinity of the site, which may indicate a potential for recognized environmental conditions. A site reconnaissance was performed to identify visual signs of past or existing contamination on or adjacent to the site, and to evaluate any evidence found in the review of the public record that might be indicative of activities resulting in hazardous substances or petroleum products being used or deposited on the site. Interviews with individuals familiar with the site were conducted to consider any local knowledge of hazardous substances or petroleum products on the subject properties or on adjacent properties. The collected data was evaluated and the preliminary findings and conclusion of our investigation are summarized below. Additional information can be found within the report that is not included in the executive summary.

- The subject site is comprised of one (1) Union County Tax Parcel totaling approximately 106.7 acres in area.

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM E 1527-13 of Secrest, located in Monroe, Union County, North Carolina (Union County Tax ID: 8105539). Any exceptions to, or deletions from, this practice are described in Section 9.0 of this report. This assessment has revealed no evidence of Recognized Environmental Conditions (RECs) in connection with the property.

2.0 INTRODUCTION

2.1. PURPOSE

SUMMIT was retained to complete a Phase I Environmental Site Assessment (ESA) of Secrest, located in Monroe, Union County, North Carolina (Union County Tax ID: 8105539). The purpose of this Phase I Environmental Site Assessment was to identify existing recognized environmental conditions or potential risks which may have an adverse environmental impact on the subject site.

- **Recognized Environmental Conditions (RECs)** are defined as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at the property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. (E1527-13)". Conditions that do not present a threat to human health or the environment that would not be subject to enforcement action if brought to the attention of proper regulatory agencies are considered De Minimus Conditions.

In general, this practice is intended to permit a ***user*** to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability (landowner liability protections or LLPs), that is, the practice that constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice as defined at 42 U.S.C. 9601(35)(B)".

Additional definitions commonly utilized in the process of performing Phase I ESAs include the following:

- **Controlled Recognized Environmental Conditions (CREC)** – 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 with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls (*property* use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*).

- **Historical Recognized Environmental Condition (HREC) –** a past *release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property* to any required controls (for example, *property* use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*).

2.2. SCOPE OF SERVICES

This Phase I ESA consists of four components: records review, site reconnaissance, interviews and report preparation. **SUMMIT's** approach to performing this Environmental Site Assessment consisted of four major tasks in general accordance with the ASTM Standard Practice E 1527-13.

Task 1 - A review of the public record for the site and the immediate vicinity was conducted to characterize environmental features of the site and to identify past and present land use activities, on or in the vicinity of the site, which may indicate a potential for recognized environmental conditions. The review of the public record included:

1. Examination of reasonably ascertainable public records which are practically reviewable and made available to **SUMMIT** by regulatory personnel regarding past, present, and pending enforcement actions and investigations at the site and within the immediate vicinity.

2. Examination of readily available aerial photographs, fire insurance maps, street directories and topographic maps of the site and vicinity for evidence suggesting past uses that might have involved hazardous substances or petroleum products. The extent of the review of these resources was limited to information that was practically reviewable within the time and feasibility constraints of this ESA.

Task 2 - A site reconnaissance was performed to identify visual signs of past or existing contamination on or adjacent to the site, and to evaluate any evidence found in the review of the public record that might be indicative of activities resulting in hazardous substances or petroleum products being used or deposited on the site. The site reconnaissance included the following activities:

1. A visual reconnaissance of the site and adjacent property was performed to observe signs of spills, stressed vegetation, buried waste, underground or above ground storage tanks, subsidence, transformers, or unusual soil discoloration which may indicate the possible presence of contaminants on the property.

2. The periphery of the property was viewed.

3. Areas of the site were photographed to document the current use(s) of the property as well as significant conditions such as unusually discolored soil, stressed vegetation, or other significant features associated with the property.

4. The interior of the property that was accessible was observed and visual observations documented.

Task 3 - Interviews with appropriate local officials were conducted to consider any local knowledge of hazardous substances or petroleum products on the subject property or on adjacent property.

Task 4 - The collected data was evaluated and this report was prepared.

2.3. SIGNIFICANT ASSUMPTIONS

SUMMIT has made no significant assumptions pertaining to evaluation of recognized environmental conditions or potential recognized environmental conditions during this Phase I Environmental Site Assessment.

2.4. LIMITATIONS AND EXCEPTIONS

The findings of this report are limited to conditions observed at the time of the site reconnaissance, interviews with the landowners, and review of obtained public documents and may not represent conditions at a later date. The site reconnaissance was conducted by walking select portions of the property boundaries and interior of the subject property.

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

2.5. SPECIAL TERMS AND CONDITIONS

All materials and information used on this project were obtained by **SUMMIT**. The resulting report is provided for use by MT Land.

2.6. USER RELIANCE

The resulting report is provided for the sole use by MT Land. Use of this report by any third parties will be at such party's sole risk, and **SUMMIT** disclaims liability for any use or reliance by third parties.

3.0 SITE DESCRIPTION

3.1. LOCATION AND LEGAL DESCRIPTION

The site tracts total approximately 106.7 acres in area and is located along the southern side of Waxhaw Hwy, in Monroe, North Carolina (Union County Tax ID: 8105539). According to County Tax Assessor information the physical address of 2017 Waxhaw Hwy is associated with parcel. Refer to the Site Location Map shown in Figure 3 of Appendix I for the location of the subject property. Refer to Appendix IV for copies of the property deeds for full legal descriptions.

3.2. SITE DESCRIPTION

The subject site is irregular in shape and consists of one (1) Union County parcels totaling approximately 106.7 acres. The subject site is agricultural with one (1) commercial structure. The vicinity of the property can be generally described as rural and residential. A detailed layout of the property boundaries can be found on the Aerial Photograph, Figure 2 in Appendix I.

3.3. SITE AND VICINITY GENERAL CHARACTERISTICS

The vicinity of the property can be described as rural.

3.4. CURRENT USE OF PROPERTY

The subject site is currently utilized for agricultural purposes with one (1) commercial structure.

3.5. DESCRIPTIONS OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON THE SITE

The subject site currently contains one (1) commercial structure,

3.6. CURRENT USES OF ADJOINING PROPERTY

The site is bordered to the north, east, south and west by a combination of agricultural, undeveloped wooded land and residential development. The vicinity of the property can be generally described as rural and residential.

4.0 USER PROVIDED INFORMATION

4.1. TITLE RECORDS

The client did not provide copies of the deed and chain-of-title to the property. Copies of the recent deeds for the subject properties are located in Appendix IV.

SUMMITs review of the current deed records did not identify any potential environmental concerns in connection the subject site.

4.2. ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

The client did not provide any information regarding any environmental liens or judgments against the subject property. Based on the responses received at this time from current property owners, the owners have no knowledge of environmental liens or conditions regarding the subject site. Refer to Appendix V.

4.3. SPECIALIZED KNOWLEDGE

No Specialized knowledge was provided to **SUMMIT** at the time of this report.

4.4. OWNER, PROPERTY MANAGER AND/OR OCCUPANT INFORMATION

According to a review of Union County Register of Deeds, the current owners of the subject parcels are: Secrest Drug Co, Inc. PO Box 547, Monroe, NC.

4.5. REASON FOR PERFORMING PHASE I

SUMMIT understands that the Phase I ESA is being performed in association with due diligence of the proposed purchase of the property.

5.0 RECORDS REVIEW FINDINGS

5.1. STANDARD ENVIRONMENTAL RECORD SOURCES

SUMMIT reviewed a database search of standard Federal, State and Tribal environmental records for the site and surrounding properties. Environmental Data Resources (EDR) of Southport, Connecticut was contracted to perform the regulatory database search which includes all records identified and/or located within the minimum search distances as specified by ASTM 1527-13. Descriptions of the databases searched and acronyms are provided in the complete database report presented as an attachment in Appendix III of this report.

5.1.1. Federal ASTM Records

No off-site Federal environmental records were identified in our review of the provided database report.

5.1.2. State of North Carolina ASTM Records

The **HSDS** database is a list of sites in North Carolina that contain locations of uncontrolled and unregulated hazardous waste sites. A review of this database indicated that the subject property is not included on the HSDS list, and there is one (1) documented site within 1.0 mile of the subject property. Based on the distance, relative topographic elevation and incident information of the listed sites; they would not appear to be a concern to the subject site.

The **SHWS** database is a list of sites in North Carolina that are known or suspected of having had a release of a regulated substance above a reportable quantity. A review of this database indicated that the subject property is not included on the SHWS list, and there are two (2) documented sites within 1.0 mile of the subject property. Based on the distance, relative topographic elevation and incident information of the listed sites; they would not appear to be a concern to the subject site.

The Leaking Aboveground Storage Tank (**LAST**) Database is a listing of leaking aboveground storage tank site locations. The review of the database search indicated that the subject properties are not included on the LAST list, and there is one (1) documented LAST site within 0.50 miles of the subject property. Based on the distance, relative topographic elevation and incident information of the listed sites; they would not appear to be a concern to the subject site.

The Leaking Underground Storage Tank (**LUST**) Incidents Management Database lists sites in North Carolina that have reported suspected or confirmed releases to the NCDEQ. The review of the database search indicated that the site is not included on the LUST list, and there are two (2) documented LUST site within 0.5 miles of the subject site. Based on the distance, relative topographic elevation and incident information of the listed sites; they would not appear to be a concern to the subject site.

The Underground Storage Tank (**UST**) database contains registered UST's which are regulated under Subtitle I of RCRA. The review of the database search indicated that the subject property is not included on the NCDEQ UST list and there are three (3) documented UST site within 0.25 miles of the subject property. Based on the distance, relative topographic elevation and incident information of the listed sites; they would not appear to be a concern to the subject site.

5.1.3. Orphan Sites

One (1) orphan site was identified by EDR's environmental database search. Orphan sites do not contain sufficient geographical information such as street address to accurately determine their location. **SUMMIT** determined that none of the orphan sites identified in EDR's search were within the specified search parameters. Based on the distance, relative topographic elevation and incident information of the listed orphan sites, they would not appear to be a concern to the subject site.

5.2. Regulatory Agency File and Records Review

Regulatory file reviews are utilized by **SUMMIT** in an attempt to obtain sufficient information in order to further assist in the determination of REC, HRECs, CRECs, or de minimus conditions at the property in connection with an environmental record listing for the subject property and/or adjacent properties. **SUMMIT** did not perform a regulatory file review of for completion of this report. Select documents are included in Appendix VI of this report.

5.3. Additional Environmental Record Sources

SUMMIT was unable to locate any other environmental records associated with the subject property.

5.4. PHYSICAL SETTING SOURCES

5.4.1. Topography

The United States Geological Survey (USGS) Monroe 7.5-minute topographic quadrangle map was reviewed. According to the contour lines on the topographic maps, the elevation of the subject property ranges from approximately 620 feet (western boundary) to approximately 590 feet (eastern boundary) above Mean Sea Level (MSL). The contour lines indicate the general direction of downward slope is to the east towards an un-named creek. The un-named creek flows into Dry Fork Creek. Dry Fork Creek flows into Bearskin Creek. Bearskin Creek flows into Richardson Creek. Richardson Creek flows into the Rocky River. Refer to Figure 1 in Appendix I of this report.

5.4.2. Geology and Hydrogeology

The property is located in Union County, North Carolina, which is located in the south-central Piedmont Physiographic Province. The Piedmont Province generally consists of well-rounded hills and ridges which are dissected by a well-developed system of draws and streams. The Piedmont Province is predominantly underlain by metamorphic rock (formed by heat, pressure and/or chemical action) and igneous rock (formed directly from molten material) which were initially formed during the Precambrian and Paleozoic eras. The volcanic and sedimentary rocks deposited in the Piedmont Province during the Precambrian era were the host from the metamorphism and were changed to gneiss and schist. The more recent Paleozoic era had periods of igneous emplacement, with at least episodes of regional metamorphism resulting in the majority of the rock types seen today.

The topography and relief of the Piedmont Province has developed from differential weathering of the igneous and metamorphic rock. Ridges and hills have been developed on the more easily weathered and erodible rock. Because of the continued chemical and physical weathering, the rocks in the Piedmont Province are now generally covered with a mantle of soil that has weathered in place from the parent bedrock. These soils vary in thickness and are referred to as residuum or residual soils. The residuum is typically finer grained and has higher clay content near the surface because of the advanced weathering. Similarly, the soils typically become coarser grained with increasing depth because of decreased weathering. As the weathering decreases, the residual soils generally retain the overall appearance, texture, gradation and foliations of the parent rock.

Based on a review of the United States Geological Survey (USGS) "Monroe" quadrangle topographic map, inferred groundwater flow direction based on topography appears to be to the east towards an un-named creek. Refer to Figure 1 in Appendix I for a topographic map for the subject property.

5.4.3. Site Soils

The site soils predominantly consist of:

BaB—Badin channery silt loam, 2 to 8 percent slopes

BaC—Badin channery silt loam, 8 to 15 percent slopes

BuB—Badin-Urban land complex, 2 to 8 percent slopes

CmB—Cid channery silt loam, 1 to 5 percent slopes

GsB—Goldston-Badin complex, 2 to 8 percent slopes

TbB2—Tarrus gravelly silty clay loam, 2 to 8 percent slopes, moderately eroded

5.5. HISTORICAL USE INFORMATION ON THE PROPERTY

5.5.1. Historical Use of Property Records Review

There was no fifty-year chain of title review conducted. This information was not provided to **SUMMIT** for review. Copies of the current warranty deeds are included in Appendix IV. The owners of the subject properties are detailed in section 3.0 of this report.

5.5.2. Historical Aerial Photographs

The 1938, 1956 and 1968 aerial photographs from Union County Soil and Water Conservation District were reviewed on January 13, 2017. The 1938, 1956 and 1968 aerials depict the site as being utilized for agricultural purposes with a large agricultural field and wooded areas.

5.5.3. Historical Sanborn Fire Insurance Maps

Environmental Data Resources (EDR) of Southport, Connecticut was contacted to perform a database search of Sanborn Fire Insurance maps. EDR maintains the largest library of Sanborn Fire Insurance maps available. Sanborn Maps were not available for the subject site.

5.5.4. City Directories

City Directories were not reviewed for this report.

5.5.5. Historic Topographic Maps

Historic Topographic Maps were not reviewed for this report.

5.6. HISTORICAL USE INFORMATION ON ADJOINING PROPERTIES

5.6.1. Historical Aerial Photographs

The 1938, 1956 and 1968 aerial photographs from Union County Soil and Water Conservation District were reviewed on January 13, 2017. The surrounding properties appear to be agricultural in 1938 through present.

5.6.2. City Directories

City Directories were not reviewed for this report.

5.7. PURCHASE PRICE

5.7.1. Significantly Lower Purchase Price

SUMMIT could not determine the purchase price of the subject site.

5.8. DATA GAPS

As per ASTM E1527-13 section 3.2.20, a data gap is defined as a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. No significant data gaps were encountered at the time of this report.

6.0 RECONNAISSANCE FINDINGS

- **SUMMIT** personnel (Michael Zavislak) conducted a visual reconnaissance of the site and the immediate vicinity on March 23, 2018. Photographs of the site were taken to represent conditions on and around the site and are included in Appendix II.

6.1. METHODOLOGY AND LIMITING CONDITIONS

The site reconnaissance was conducted by **SUMMIT** personnel (Michael Zavislak) by walking the property boundaries and accessible portions of the interior of the property.

6.2. GENERAL SITE SETTING

The subject property is located within a historically agricultural and rural residential area south of Charlotte, North Carolina.

6.3. OBSERVATIONS

A site reconnaissance on March 23, 2018 was performed by walking property boundaries and accessible portions of the interior of the property. Reconnaissance of adjacent property was limited to parts that were readily observable from accessible portions of the subject property and public areas.

6.3.1. Site Operations, Processes, and Equipment

Table 6.3.1

Item or Feature	**Observed**
Emergency generators	No
Air compressors	No
Hydraulic lifts	No
Dry cleaning	No
Photo processing	No
Laboratory hoods and/or incinerators	No
Waste treatment systems and/or water treatment systems	No
Heating and/or cooling systems	**Yes**

Table 6.3.1	
Item or Feature	**Observed**
Other processes or equipment	No

Standard residential HVAC units were observed in connection with the structure located on the site. No environmental concerns were observed in connection with these HVAC units. No other site operations, processes and/or equipment were observed in connection with the subject site at the time of our reconnaissance.

6.3.2. Aboveground Chemical or Waste Storage

Table 6.3.2	
Item or Feature	**Observed**
Aboveground storage tanks (ASTs)	No
Drums, barrels and/or containers > 5 gallons	No
MSDS	No
Parts Washer	No
Other	No

6.3.3. Underground Chemical or Waste Storage, Drainage or Collection Systems

Table 6.3.3	
Item or Feature	**Observed**
Underground storage tanks or ancillary UST equipment	No
Sumps, cisterns, catch basins and/or dry wells	No
Grease traps	No
Septic tanks and/or leach fields	**Yes**
Oil/Water separators	No
Pipeline markers	No
Interior floor drains	No
Other	No

6.3.4. Electrical Transformers / PCBs

Table 6.3.4	
Item or Feature	**Observed**
Pad or pole mounted transformers and/or capacitors	**Yes**
Other equipment	No

Pole mounted transformers were observed in connection with the adjacent sites. These transformers appeared to be in good condition and are not considered to represent an environmental concern to the subject site at the time of this report.

6.3.5. Releases or Potential Releases

Table 6.3.5	
Item or Feature	**Observed**
Stressed vegetation	No
Stained soil	No
Stained pavement or similar surface	No
Leachate and/or waste seeps	No
Trash, debris and/or other waste materials	No
Dumping or disposal areas	No
Construction/demolition debris and/or dumped fill dirt	No
Surface water discoloration, odor, sheen, and/or free-floating product	No
Strong, pungent or noxious odors	No
Exterior pipe discharges and/or effluent discharges	No
Other	No

6.3.6. Other Notable Site Features

Table 6.3.6	
Item or Feature	**Observed**
Surface water bodies	**Yes**
Quarries or pits	No

Table 6.3.6	
Item or Feature	**Observed**
Wells	**Yes**
Stormwater	No
Other site features	No

There is an un-named creek on the eastern portion of the site.

6.3.7. Adjacent Property Reconnaissance

The site is bordered to the north and east by light residential and undeveloped wooded land and to the west and south by newer residential development. The vicinity of the property can be generally described as rural and residential.

7.0 INTERVIEWS

As part of the Phase I ESA, **SUMMIT** interviewed persons familiar with the history of the subject properties and representatives of local and state agencies where possible.

7.1. INTERVIEW WITH OWNERS

According to a review of Union County Register of Deeds, the current owners of the subject parcels are: Secrest Drug Co, Inc. PO Box 547, Monroe, NC. Refer to the owner interviews in Appendix V.

7.2. INTERVIEW WITH PREVIOUS OWNERS

SUMMIT could not locate the previous owners.

7.3. INTERVIEW WITH OCCUPANTS

The subject site is vacant.

7.4. INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS

Personnel with the North Carolina Department of Environment and Natural Resources (NC DENR) were contacted for interview concerning knowledge of any releases of hazardous substances or petroleum products on the property. **SUMMIT** contacted Mr. Brett Morris (NC DENR, UST section) about the subject property. Mr. Morris was unaware of any environmental condition associated with the site.

8.0 SUMMARY AND CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM E 1527-13 of Secrest, located in Monroe, Union County, North Carolina (Union County Tax ID: 8105539). Any exceptions to, or deletions from, this practice are described in Section 9.0 of this report. This assessment has revealed no evidence of Recognized Environmental Conditions (RECs) in connection with the property.

9.0 DEVIATIONS

This Phase I ESA was prepared in general accordance with the standard developed by the American Society for Testing and Materials (ASTM) entitled "E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process".

The findings of this report are limited to conditions observed at the time of the site reconnaissance, interviews with the landowners, and review of obtained public documents and may not represent conditions at a later date. The site reconnaissance was conducted by walking select portions of the property boundaries and interior of the subject properties.

Visual observations during the site reconnaissance were limited due to dense vegetation and ground cover along the edge of the property and interior of the property.

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

There was no evidence on the reviewed aerial photographs indicating that open dumping or hazardous material storage had ever occurred on the subject property. However, the scales and clarity of the aerial photographs, combined with the small size of the subject site prohibit the identification of any open dumping or hazardous material storage.

10.0 ADDITIONAL SERVICES

ASTM Standard Practice E 1527-13 does not typically include the identification of asbestos-containing material (ACM), asbestos containing building materials (ACBM), lead-based paint, mold, and wetlands within its scope of work when identifying environmental conditions associated with commercial property. However, these issues can present a liability to the owner or prospective purchaser.

No additional services were provided.

11.0 REFERENCES

The 1938, 1956 and 1968 aerial photographs from the Union County Soil and Water Conservation District.

United States Geological Survey (USGS) 7.5-minute Topographic Map of the Monroe Topographic Quadrangle, www.mytopo.com

Union County GoMaps - http://gis-web.co.union.nc.us/gomaps/#

12.0 QUALIFICATION(S) OF ENVIRONMENTAL PROFESSIONALS

The environmental professionals for this project are listed below.

Mr. Zavislak is a registered Professional Engineer (PE) in the States of Arizona, Colorado, Georgia, Hawaii, Idaho, Kentucky, Nevada, New Hampshire, New Mexico, North Carolina, South Carolina, South Dakota, Texas, Virginia, Washington DC, and Wyoming, a certified Environmental Analytical Chemist (NRCC-EAC), a Certified Hazardous Materials Manager (CHMM), a Certified Industrial Hygienist (CIH) and the Environmental Department Manager for **SUMMIT**. Mr. Zavislak has over twenty years of experience in the environmental field. Previous environmental experience includes managing and operating several environmental laboratories, performing numerous environmental research projects, and managing and performing a multitude of environmental projects that include asbestos, lead-based paint, Phase I/II Environmental Site Assessments (ESA), Polychlorinated Biphenyl's (PCBs), hazardous waste, industrial hygiene, mold, indoor air quality, wetlands, storm water, Spill Prevention Control and Countermeasure (SPCC) Plans, Underground Storage Tank (UST) closures, soil and groundwater contamination monitoring and remediation, and construction management. Mr. Zavislak is also Adjunct Faculty at Greenville Technical College teaching classes on asbestos, health and safety, lead-based paint and hazardous waste.

We declare that the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and 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 the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

APPENDIX I

FIGURES

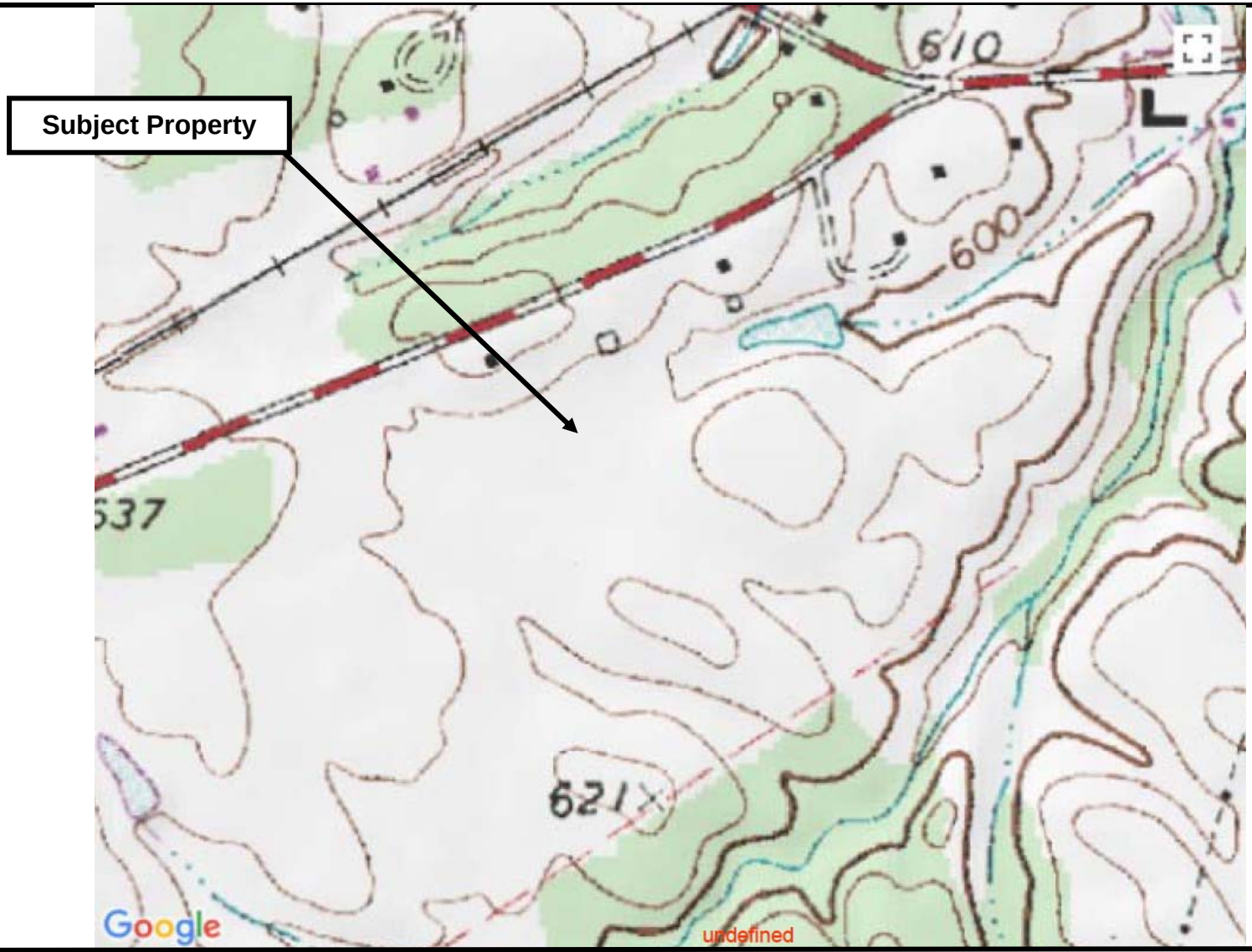

Figure 1 USGS Topographic Map	Secrest Monroe, NC	SUMMIT ELT, PC Project: 4222.504

D:\!Michael!\!SUMMIT!\4222 - MT Land\4222.504 Secrest Property -+106.7 Acres\4. ENVIRONMENTAL\Phase I ESA\Report Files\Ph I - Figure 1 Topo.doc

Figure 2 Aerial Map	Secrest Monroe, NC	**SUMMIT ELT, PC** Project: 4222.504

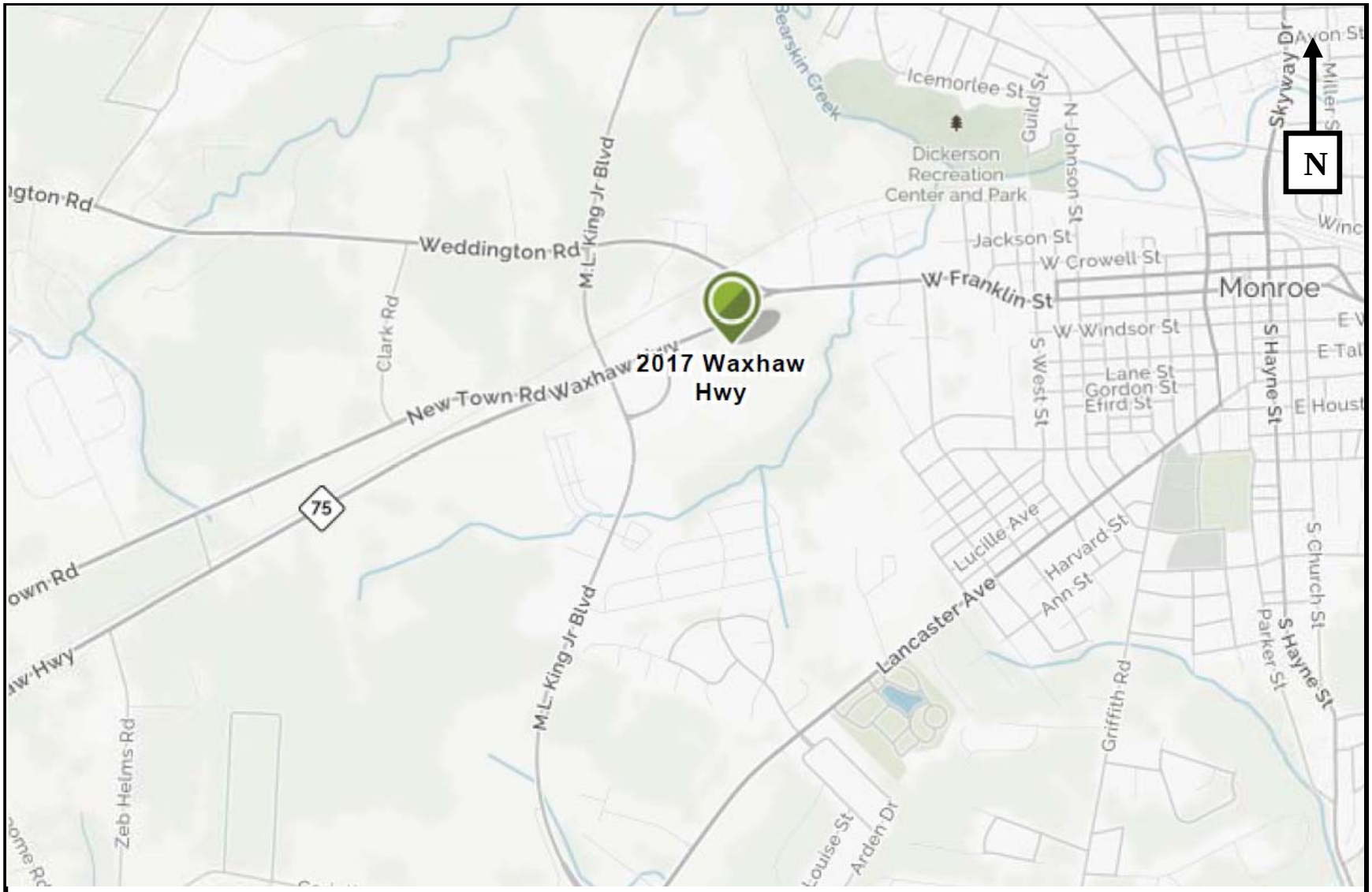

Figure 3 Site Map	Secrest Monroe, NC	**SUMMIT ELT, PC** Project: 4222.504

D:\!Michael!\!SUMMIT!\4222 - MT Land\4222.504 Secrest Property -+106.7 Acres\4. ENVIRONMENTAL\Phase I ESA\Report Files\Ph I - Figure 3 site Map.doc

APPENDIX II

SITE PHOTOGRAPHS

SITE PHOTOGRAPHS

Western central portion of site, looking south.

Western central portion of site, looking west.

Western central portion of site, looking east.

Building on north central portion of site.

Building on north central portion of site.

North central portion of site.

North central portion of site.

North central portion of site.

Central portion of site, looking south.

Western portion of site, looking west.

Western portion of site, looking south.

Western portion of site, looking north.

Western portion of site, looking east.

APPENDIX III

ENVIRONMENTAL DATABASE SEARCH

Secrest
2017 Waxhaw Hwy
Monroe, NC 28112

Inquiry Number: 5233493.2s
March 30, 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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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

2017 WAXHAW HWY
MONROE, NC 28112

COORDINATES

Latitude (North):	34.9778020 - 34° 58' 40.08''
Longitude (West):	80.5746740 - 80° 34' 28.82''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	538823.2
UTM Y (Meters):	3870466.5
Elevation:	615 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5946495 MONROE, NC
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140517
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
2017 WAXHAW HWY
MONROE, NC 28112

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	SCOTT AVIATION OF MO		NC HSDS	Same	3958, 0.750, ENE
1	SOBALVARRO RESIDENCE	722 SINCLAIR DRIVE	LAST	Higher	195, 0.037, WSW
2	DON MOORE GROCERY	2316 WAXHAW - INDIAN	UST, Financial Assurance	Higher	289, 0.055, West
A3	THRIFTY SHOP	1701 WEST FRANKLIN S	UST, IMD	Lower	360, 0.068, NE
A4	R & D FOOD CENTER IN	1701 W FRANKLIN ST	EDR Hist Auto	Lower	360, 0.068, NE
A5	B-KLEEN DRY CLRS & L	1664 W FRANKLIN ST S	EDR Hist Cleaner	Lower	385, 0.073, NE
A6	THRIFTY STOP	1615 WEST FRANKLIN S	LUST	Lower	399, 0.076, NE
7	CIRCLE K 2723983	1692 W FRANKLIN STRE	UST, Financial Assurance	Lower	442, 0.084, NE
8	FRANKLIN PLAZA	1664A W. FRANKLIN AV	LUST	Lower	628, 0.119, NNE
9	FRANKLIN PLAZA	HWY75/HWY84	IMD	Lower	1070, 0.203, NNE
10	FORMER SCOTT AVIATIO	309 W CROWELL ST	SEMS-ARCHIVE, RCRA-CESQG, SHWS, BROWNFIELDS	Lower	4694, 0.889, ENE
11	MONROE ICE & FUEL CO	601 N CHARLOTTE AVE	SHWS, LUST, UST, IMD	Lower	4850, 0.919, ENE

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

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List

US INST CONTROL Sites with Institutional Controls

Federal ERNS list

ERNS Emergency Response Notification System

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

SWF/LF List of Solid Waste Facilities
OLI Old Landfill Inventory

State and tribal leaking storage tank lists

INDIAN LUST Leaking Underground Storage Tanks on Indian Land
LUST TRUST State Trust Fund Database

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

HIST LF Solid Waste Facility Listing
SWRCY Recycling Center Listing
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

EXECUTIVE SUMMARY

Local Land Records

LIENS 2 ---------- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---------- Hazardous Materials Information Reporting System
SPILLS ---------- Spills Incident Listing
SPILLS 90 ---------- SPILLS 90 data from FirstSearch
SPILLS 80 ---------- SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR ---------- RCRA - Non Generators / No Longer Regulated
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
DOCKET HWC ---------- Hazardous Waste Compliance Docket Listing
UXO ---------- Unexploded Ordnance Sites
ECHO ---------- Enforcement & Compliance History Information
FUELS PROGRAM ---------- EPA Fuels Program Registered Listing
COAL ASH ---------- Coal Ash Disposal Sites
DRYCLEANERS ---------- Drycleaning Sites
Financial Assurance ---------- Financial Assurance Information Listing

EXECUTIVE SUMMARY

NPDES ---------- NPDES Facility Location Listing
UIC ---------- Underground Injection Wells Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---------- EDR Proprietary Manufactured Gas Plants

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

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 is 1 NC HSDS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SCOTT AVIATION OF MO		ENE 1/2 - 1 (0.750 mi.)	0	8

EXECUTIVE SUMMARY

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 12/01/2017 has revealed that there are 2 SHWS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER SCOTT AVIATIO Facility Id: NCD003155587	***309 W CROWELL ST***	***ENE 1/2 - 1 (0.889 mi.)***	***10***	***22***
MONROE ICE & FUEL CO Facility Id: NONCD0002092	***601 N CHARLOTTE AVE***	***ENE 1/2 - 1 (0.919 mi.)***	***11***	***27***

State and tribal leaking storage tank lists

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 is 1 LAST site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOBALVARRO RESIDENCE Close Out: 08/15/2014 Incident Number: 91306 Current Status: A	722 SINCLAIR DRIVE	WSW 0 - 1/8 (0.037 mi.)	1	8

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 2 LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
THRIFTY STOP Incident Phase: Closed Out Incident Number: 10882 Current Status: File Located in Archives	1615 WEST FRANKLIN S	NE 0 - 1/8 (0.076 mi.)	A6	15
FRANKLIN PLAZA Incident Phase: Closed Out Incident Number: 6776 Current Status: File Located in Archives	1664A W. FRANKLIN AV	NNE 0 - 1/8 (0.119 mi.)	8	19

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 3 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DON MOORE GROCERY Tank Status: Removed Facility Id: 00-0-0000013293	***2316 WAXHAW - INDIAN***	***W 0 - 1/8 (0.055 mi.)***	***2***	***10***

Lower Elevation	Address	Direction / Distance	Map ID	Page
THRIFTY SHOP Tank Status: Removed Facility Id: 00-0-0000008512	***1701 WEST FRANKLIN S***	***NE 0 - 1/8 (0.068 mi.)***	***A3***	***12***
CIRCLE K 2723983 Tank Status: Current Facility Id: 00-0-0000036533	***1692 W FRANKLIN STRE***	***NE 0 - 1/8 (0.084 mi.)***	***7***	***17***

ADDITIONAL ENVIRONMENTAL RECORDS

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 2 IMD sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
THRIFTY SHOP Facility Id: 10882	***1701 WEST FRANKLIN S***	***NE 0 - 1/8 (0.068 mi.)***	***A3***	***12***
FRANKLIN PLAZA Facility Id: 6776	HWY75/HWY84	NNE 1/8 - 1/4 (0.203 mi.)	9	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 is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
R & D FOOD CENTER IN	1701 W FRANKLIN ST	NE 0 - 1/8 (0.068 mi.)	A4	14

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

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

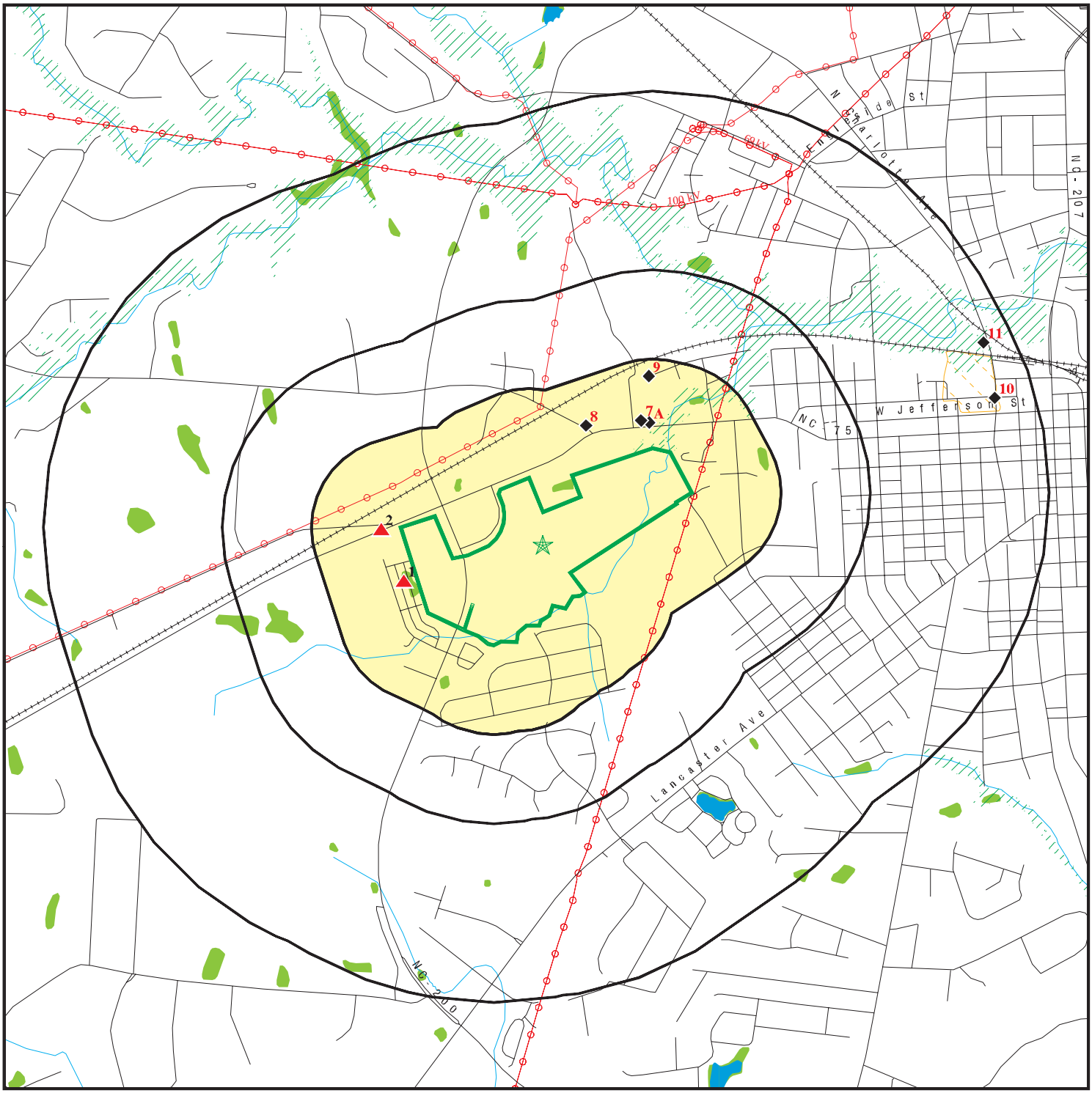
Lower Elevation	Address	Direction / Distance	Map ID	Page
B-KLEEN DRY CLRS & L	1664 W FRANKLIN ST S	NE 0 - 1/8 (0.073 mi.)	A5	15

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
FRANKLIN PLAZA, INC.	LUST TRUST

OVERVIEW MAP - 5233493.2S



0 1/4 1/2 1 Miles

- 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: Secrest ADDRESS: 2017 Waxhaw Hwy Monroe NC 28112 LAT/LONG: 34.977802 / 80.574674	CLIENT: SUMMIT Engineering, Laboratory & Testing, PC CONTACT: M. Zavislak INQUIRY #: 5233493.2s DATE: March 30, 2018 9:13 am

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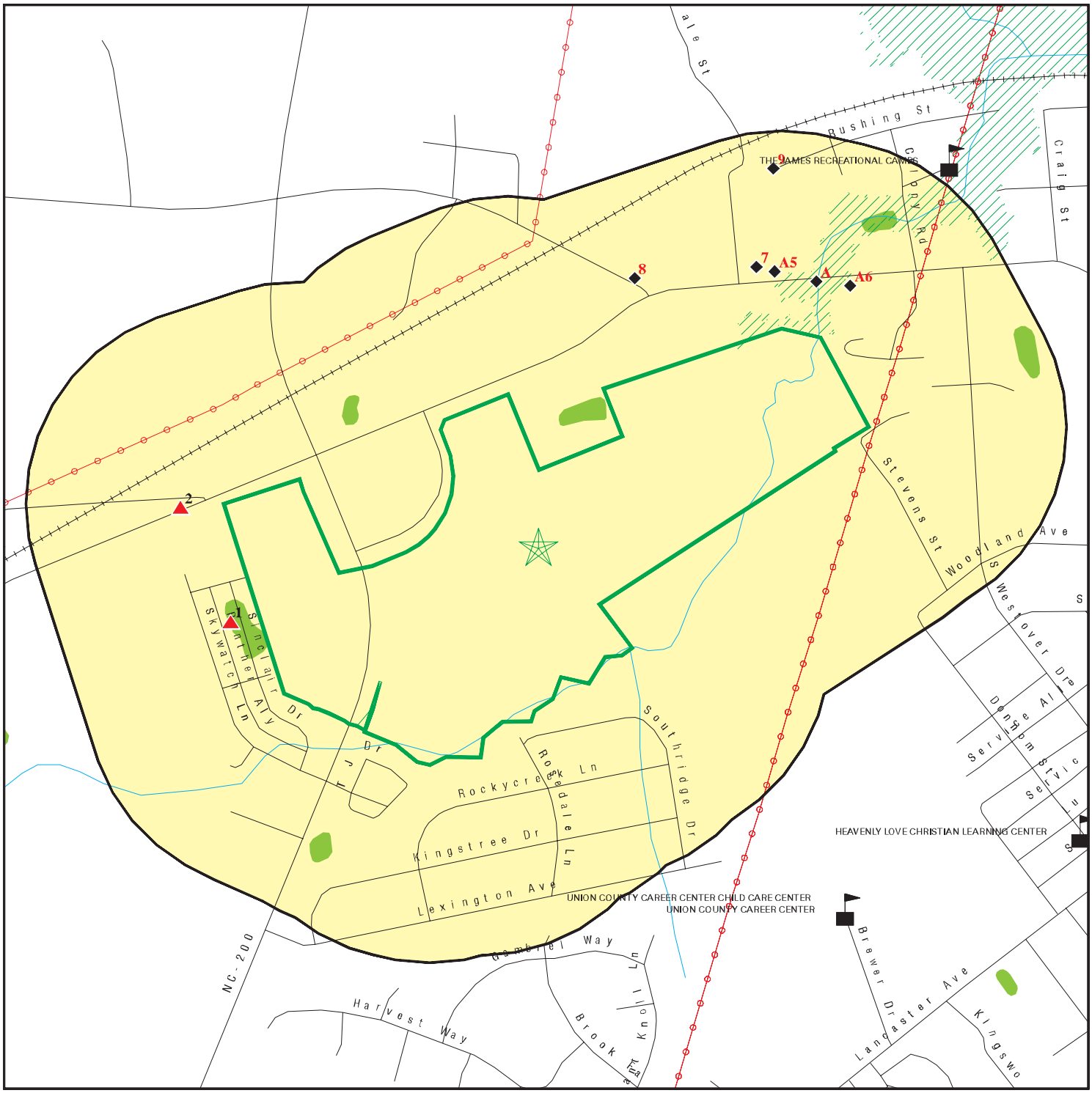
DETAIL MAP - 5233493.2S



0 1/8 1/4 1/2 Miles

- 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:	Secrest	CLIENT:	SUMMIT Engineering, Laboratory & Testing, PC
ADDRESS:	2017 Waxhaw Hwy Monroe NC 28112	CONTACT:	M. Zavislak
		INQUIRY #:	5233493.2s
LAT/LONG:	34.977802 / 80.574674	DATE:	March 30, 2018 9:13 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
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
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
NC HSDS	1.000		0	0	0	1	NR	1
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	0	0	2	NR	2
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
OLI	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LAST	0.500		1	0	0	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
LUST	0.500		2	0	0	NR	NR	2
INDIAN LUST	0.500		0	0	0	NR	NR	0
LUST TRUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		3	0	NR	NR	NR	3
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	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
IMD	0.500		1	1	0	NR	NR	2
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
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	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA HWS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	9	1	0	3	0	13

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

HSDS **SCOTT AVIATION OF MONROE** **NC HSDS** **S102442884**
Region **N/A**
ENE
1/2-1 **, NC**
3958 ft.

HSDS:

Site Type:	Federal
Superfund ID:	003 155 587
Lat/Long:	34 59 3.796915 80 33 13.199923
Total area in coverage units:	56197.3671875
Total perimeter in coverage units:	967.00787353
X-value coordinate in feet:	1534649
Y-value coordinate in feet:	452876.15625
Sites designated as superfund cleanup sites:	781
Length of feature in internal units:	967.007789182
Area of feature in internal units squared:	56197.3656816

---

1 **SOBALVARRO RESIDENCE** **LAST** **S117327763**
WSW **722 SINCLAIR DRIVE** **N/A**
< 1/8 **MONROE, NC 28112**
0.037 mi.
195 ft.

Relative:
Higher

Actual:
628 ft.

LAST:

Facility ID:	Not reported	
UST Number:	MO-88479	
Incident Number:	91306	
Contamination Type:		NO
Source Type:	Not reported	
Product Type:	P	
Date Reported:	08/06/2014	
Date Occur:	08/06/2014	
Cleanup:	Not reported	
Closure Request:	Not reported	
Close Out:	08/15/2014	
Level Of Soil Cleanup Achieved:		Not reported
Tank Regulated Status:		Not reported
# Of Supply Wells:	0	
Commercial/NonCommercial UST Site:		Not reported
Risk Classification:		U
Risk Class Based On Review:		U
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	
MTBE1:	Unknown	
Flag:	No	
Flag1:	No	
LUR Filed:	Not reported	
Release Detection:	0	
Current Status:	A	
RBCA GW:	Not reported	
PETOPT:	5	
RPL:	False	
CD Num:	653	

SOBALVARRO RESIDENCE (Continued) **S117327763**

Reel Num:	0
RPOW:	False
RPOP:	False
Error Flag:	0
Error Code:	N
Valid:	False
Lat/Long:	34 58 34.92 80 34 53.82
Lat/Long Decimal:	34.97637 -80.58163
Testlat:	Not reported
Regional Officer Project Mgr:	Not reported
Region:	MOR
Company:	Not reported
Contact Person:	Not reported
Telephone:	Not reported
RP Address:	Not reported
RP City,St,Zip:	NC
RP County:	Not reported
Comments:	Approximately 10 square feet of waste oil contaminated gravel and soil removed. Site Closed.
5 Min Quad:	Not reported

PIRF:

Facility Id:	91306
Date Occurred:	8/6/2014
Date Reported:	8/8/2014
Description Of Incident:	Gravel 2 X 10 along side of concrete drive soaked w/ used M.O.
Owner/Operator:	Not reported
Ownership:	4
Operation Type:	5
Type:	Not reported
Location:	7
Site Priority:	Not reported
Priority Update:	Not reported
Wells Affected Y/N:	Not reported
Wells Affected Number:	Not reported
Samples Taken By:	N
Samples Include:	N
7#5 Min Quad:	Not reported
5 Min Quad:	Not reported
Pirf/Min Soil:	Not reported
Release Code:	4
Cause:	Not reported
Source:	Not reported
Source Type:	Not reported
Last Modified:	8/15/2014
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

2
West
< 1/8
0.055 mi.
289 ft.

DON MOORE GROCERY
2316 WAXHAW - INDIAN TRAIL ROAD
MONROE, NC 28110

UST **U001194763**
Financial Assurance **N/A**

Relative:
Higher

Actual:
637 ft.

UST:

Facility Id:	00-0-0000013293
Contact:	CATAWBA OIL COMPANY, INC.
Contact Address1:	P.O. BOX 848
Contact Address2:	Not reported
Contact City/State/Zip:	MONROE, NC 28111-0848
FIPS County Desc:	Mecklenburg
Latitude:	0
Longitude:	0

Tank Id:	1
Tank Status:	Removed
Installed Date:	04/29/1966
Perm Close Date:	08/01/1988
Product Name:	Gasoline, Gas 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:	Single Wall Steel
Decode for PSYS_KEY:	Unknown

Tank Id:	2
Tank Status:	Removed
Installed Date:	04/29/1966
Perm Close Date:	08/01/1988
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:	3

DON MOORE GROCERY (Continued) **U001194763**

Tank Status:	Removed
Installed Date:	04/29/1966
Perm Close Date:	08/01/1988
Product Name:	Gasoline, Gas Mix
Tank Capacity:	10000
Root Tank Id:	Not reported
Main Tank:	No
Compartment Tank:	No
Manifold Tank:	Not reported
Commercial:	Yes
Regulated:	Yes
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:	04/29/1966
Perm Close Date:	08/01/1988
Product Name:	Gasoline, Gas 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:	Single Wall Steel
Decode for PSYS_KEY:	Unknown

NC Financial Assurance 1:

Facility ID:	00-0-0000013293
Region:	1
Financial Responsibility Desc:	Insurance & Risk Retension
Financial Responsibility Name:	Great American Alliance Insurance Co.
Started Date:	04/19/2013
Ended Date:	04/19/2014

A3
NE
< 1/8
0.068 mi.
360 ft.

THRIFTY SHOP — **UST** **U001191241**
1701 WEST FRANKLIN STREET — **IMD** **N/A**
MONROE, NC 28110

Site 1 of 4 in cluster A

Relative:
Lower

Actual:
581 ft.

UST:

Facility Id:	00-0-0000008512
Contact:	SERVICE OIL OF MONROE INC
Contact Address1:	527 EAST FRANKLIN ST/PO BOX 766
Contact Address2:	Not reported
Contact City/State/Zip:	MONROE, NC 28110-0766
FIPS County Desc:	Union
Latitude:	0
Longitude:	0

Tank Id:	1
Tank Status:	Removed
Installed Date:	04/19/1976
Perm Close Date:	07/07/1992
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:	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:	04/19/1976
Perm Close Date:	07/07/1992
Product Name:	Gasoline, Gas Mix
Tank Capacity:	8000
Root Tank Id:	Not reported
Main Tank:	No
Compartment Tank:	No
Manifold Tank:	Not reported
Commercial:	Yes
Regulated:	Yes
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:	3

THRIFTY SHOP (Continued) **U001191241**

Tank Status:	Removed
Installed Date:	01/01/1964
Perm Close Date:	07/12/1992
Product Name:	Unknown
Tank Capacity:	550
Root Tank Id:	Not reported
Main Tank:	No
Compartment Tank:	No
Manifold Tank:	Not reported
Commercial:	No
Regulated:	Yes
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:	Removed
Installed Date:	01/01/1964
Perm Close Date:	07/12/1992
Product Name:	Unknown
Tank Capacity:	1000
Root Tank Id:	Not reported
Main Tank:	No
Compartment Tank:	No
Manifold Tank:	Not reported
Commercial:	No
Regulated:	Yes
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

IMD:

Region:	MOR
Facility ID:	10882
Date Occurred:	Not reported
Submit Date:	9/10/1993
GW Contam:	Yes, Groundwater Contamination has been detected
Soil Contam:	No
Incident Desc:	SOIL AND GW FOUND DURING CLOSURE OF 4 USTS.
Operator:	JIMMY STEGALL
Contact Phone:	7042834517
Owner Company:	SERVICE OIL OF MONROE, INC.
Operator Address:	527 EAST FRANKLIN STREET
Operator City:	MONROE
Oper City,St,Zip:	MONROE, NC 28110
Ownership:	Private
Operation:	Commercial
Material:	GASOLINE

THRIFTY SHOP (Continued) **U001191241**

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:	100E
Priority Code:	L
Priority Update:	5/15/1998
Dem Contact:	CSF
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:	U62G
Latitude:	34.98333333
Longitude:	-80.56666666
Latitude Number:	345900
Longitude Number:	803400
Latitude Decimal:	34.9833333333333
Longitude Decimal:	80.5666666666667
GPS:	NOD
Agency:	DWM
Facility ID:	10882
Last Modified:	9/10/2001
Incident Phase:	Closed Out
NOV Issued:	9/10/1993
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:	8/15/2001

A4 **R & D FOOD CENTER INC** **EDR Hist Auto** **1021897735**
NE **1701 W FRANKLIN ST** **N/A**
< 1/8 **MONROE, NC 28112**
0.068 mi.
360 ft. **Site 2 of 4 in cluster A**

Relative: EDR Hist Auto
Lower

Actual:
581 ft.

Year:	Name:	Type:
1990	R & D FOOD CENTER INC	Grocery Stores
1991	R & D FOOD CENTER INC	Grocery Stores
1992	R & D FOOD CENTER INC	Grocery Stores
1993	R & D FOOD CENTER INC	Grocery Stores
1994	R & D FOOD CENTER INC	Grocery Stores

A5
NE
< 1/8
0.073 mi.
385 ft.

B-KLEEN DRY CLRS & LDRY INC
1664 W FRANKLIN ST STE D
MONROE, NC 28112

EDR Hist Cleaner **1019933950**
N/A

Site 3 of 4 in cluster A

Relative:
Lower

Actual:
591 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1991	B-KLEEN DRY CLRS & LDRY INC	Drycleaning Plants, Except Rugs
1992	B-KLEEN DRY CLRS & LDRY INC	Drycleaning Plants, Except Rugs

---

A6
NE
< 1/8
0.076 mi.
399 ft.

THRIFTY STOP
1615 WEST FRANKLIN ST.
MONROE, NC 28110

LUST **S109504278**
N/A

Site 4 of 4 in cluster A

Relative:
Lower

Actual:
590 ft.

LUST:

Facility ID:	00-0-000
UST Number:	MO-3883
Incident Number:	10882
Contamination Type:	GW
Source Type:	Leak-underground
Product Type:	P
Date Reported:	07/17/1992
Date Occur:	Not reported
Cleanup:	07/17/1992
Closure Request:	2001-08-14 00:00:00
Close Out:	08/15/2001
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:	09/10/1993
NORR Issue Date:	04/20/2001
Site Priority:	100E
Phase Of LSA Req:	Not reported
Site Risk Reason:	Surface water
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
PETOPT:	3
RPL:	False
CD Num:	119
Reel Num:	0
RPOW:	True
RPOP:	False
Error Flag:	0
Error Code:	Not reported
Valid:	False

THRIFTY STOP (Continued) **S109504278**

Lat/Long Decimal: 34.9823 -80.5677
Testlat: Not reported
Regional Officer Project Mgr: CSF
Region: MOR
Company: SERVICE OIL OF MONROE, INC.
Contact Person: JIMMY STEGALL
Telephone: 7042834517
RP Address: 527 EAST FRANKLIN STREET
RP City,St,Zip: MONROE, NC 28110
RP County: UN
Comments: No soil reportedly present below tank pit. GW below GCL,s Site ranked low NFA 8.15.01 Public notice completed 10.19.01 LUR not required at time of NFA.
5 Min Quad: Not reported

PIRF:
Facility Id: 10882
Date Occurred: 1992-07-17 00:00:00
Date Reported: 1993-09-10 00:00:00
Description Of Incident: SOIL AND GW FOUND DURING CLOSURE OF 4 USTS.
Owner/Operator: Not reported
Ownership: 4
Operation Type: 6
Type: 3
Location: 1
Site Priority: 100E
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: U62G
Source Code: Pirf
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 2001-09-10 00:00:00
Incident Phase: **Closed Out**
NOV Issued: 1993-09-10 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: 2001-08-15 00:00:00

7
NE
< 1/8
0.084 mi.
442 ft.

CIRCLE K 2723983
1692 W FRANKLIN STREET
MONROE, NC 28110

UST **U003876633**
Financial Assurance **N/A**

Relative:
Lower

Actual:
596 ft.

UST:

Facility Id:	00-0-0000036533
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:	Union
Latitude:	34.98295
Longitude:	-80.56953

Tank Id:	1A
Tank Status:	Current
Installed Date:	10/01/2002
Perm Close Date:	Not reported
Product Name:	Gasoline, Gas Mix
Tank Capacity:	18000
Root Tank Id:	214386
Main Tank:	Yes
Compartment Tank:	Yes
Manifold Tank:	0
Commercial:	Yes
Regulated:	Yes
Other CP Tank:	Not reported
Overfill Protection Name:	Auto Shutoff Device
Spill Protection Name:	Catchment Basin
Leak Detection Name:	Not reported
Decode for TCONS_KEY:	Single Wall Steel/FRP
Decode for PCONS_KEY:	Other
Decode for PSYS_KEY:	Pressurized System

Tank Id:	1B
Tank Status:	Current
Installed Date:	10/01/2002
Perm Close Date:	Not reported
Product Name:	Gasoline, Gas Mix
Tank Capacity:	6000
Root Tank Id:	214386
Main Tank:	No
Compartment Tank:	Yes
Manifold Tank:	0
Commercial:	Yes
Regulated:	Yes
Other CP Tank:	Not reported
Overfill Protection Name:	Auto Shutoff Device
Spill Protection Name:	Catchment Basin
Leak Detection Name:	Not reported
Decode for TCONS_KEY:	Single Wall Steel/FRP
Decode for PCONS_KEY:	Other
Decode for PSYS_KEY:	Pressurized System

Tank Id:	2A

CIRCLE K 2723983 (Continued) **U003876633**

Tank Status:	Current
Installed Date:	10/01/2002
Perm Close Date:	Not reported
Product Name:	Diesel
Tank Capacity:	9000
Root Tank Id:	214386
Main Tank:	Yes
Compartment Tank:	Yes
Manifold Tank:	0
Commercial:	Yes
Regulated:	Yes
Other CP Tank:	Not reported
Overfill Protection Name:	Auto Shutoff Device
Spill Protection Name:	Catchment Basin
Leak Detection Name:	Not reported
Decode for TCONS_KEY:	Single Wall Steel/FRP
Decode for PCONS_KEY:	Other
Decode for PSYS_KEY:	Pressurized System

Tank Id:	2B
Tank Status:	Current
Installed Date:	10/01/2002
Perm Close Date:	Not reported
Product Name:	Kerosene, Kero Mix
Tank Capacity:	3000
Root Tank Id:	214386
Main Tank:	No
Compartment Tank:	Yes
Manifold Tank:	0
Commercial:	Yes
Regulated:	Yes
Other CP Tank:	Not reported
Overfill Protection Name:	Auto Shutoff Device
Spill Protection Name:	Catchment Basin
Leak Detection Name:	Not reported
Decode for TCONS_KEY:	Single Wall Steel/FRP
Decode for PCONS_KEY:	Other
Decode for PSYS_KEY:	Pressurized System

NC Financial Assurance 1:

Facility ID:	00-0-0000036533
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

8
NNE
< 1/8
0.119 mi.
628 ft.

FRANKLIN PLAZA
1664A W. FRANKLIN AVENUE
MONROE, NC 28110

LUST **S109504275**
N/A

Relative:
Lower

Actual:
610 ft.

LUST:

Facility ID:	Not reported	
UST Number:	MO-3093	
Incident Number:	6776	
Contamination Type:		SL
Source Type:	Leak-underground	
Product Type:	P	
Date Reported:	11/02/1990	
Date Occur:	10/31/1990	
Cleanup:	11/02/1990	
Closure Request:	Not reported	
Close Out:	08/23/1996	
Level Of Soil Cleanup Achieved:		Not reported
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:	020B	
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:	Not reported	
RPL:	False	
CD Num:	71	
Reel Num:	0	
RPOW:	False	
RPOP:	False	
Error Flag:	0	
Error Code:	Not reported	
Valid:	False	
Lat/Long Decimal:	34.9840 -80.5697	
Testlat:	Not reported	
Regional Officer Project Mgr:		DSG
Region:		MOR
Company:		FRANKIN PLAZA, INC.
Contact Person:		Not reported
Telephone:		Not reported
RP Address:		PO BOX 2628
RP City,St,Zip:		WILMINGTON, NC 28402
RP County:		Not reported
Comments:	1-1k GAS FARM TANK, 1-500 H.O. BOTH NON-COMMERCIAL. SITE CLOSED BASED	

FRANKLIN PLAZA (Continued) **S109504275**

UPON SSE.
5 Min Quad: Not reported

PIRF:

Facility Id:	6776
Date Occurred:	1990-10-30 00:00:00
Date Reported:	1991-08-12 00:00:00
Description Of Incident:	UPON REMOVAL OF UST, CONTAMINATION WAS CONFIRMED.
Owner/Operator:	Not reported
Ownership:	4
Operation Type:	3
Type:	3
Location:	8
Site Priority:	020B
Priority Update:	1998-05-15 00:00:00
Wells Affected Y/N:	N
Samples Include:	0
7#5 Minute Quad:	3
5 Minute Quad:	2
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:	1999-02-25 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:	1996-08-23 00:00:00

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9 **FRANKLIN PLAZA** **IMD** **S105764510**
NNE **HWY75/HWY84** **N/A**
1/8-1/4 **MONROE, NC**
0.203 mi.
1070 ft.

Relative: **Lower**
Actual: **608 ft.**

IMD:

Region:	MOR
Facility ID:	6776
Date Occurred:	10/31/1990
Submit Date:	8/12/1991
GW Contam:	No Groundwater Contamination detected
Soil Contam:	Yes
Incident Desc:	UPON REMOVAL OF UST, CONTAMINATION WAS CONFIRMED.
Operator:	Not reported
Contact Phone:	Not reported
Owner Company:	FRANKIN PLAZA, INC.
Operator Address:	PO BOX 2628

FRANKLIN PLAZA (Continued) **S105764510**

Operator City:	WILMINGTON
Oper City,St,Zip:	WILMINGTON, NC 28402
Ownership:	Private
Operation:	Residential
Material:	GASOLINE
Qty Lost 1:	Not reported
Qty Recovered 1:	NONE
Material:	HEATING OIL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	8
Setting:	Rural
Risk Site:	H
Site Priority:	020B
Priority Code:	H
Priority Update:	5/15/1998
Dem Contact:	DSG
Wells Affected:	No
Num Affected:	0
Wells Contam:	Not reported
Sampled By:	Responsible Parties
Samples Include:	Soil Samples
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Latitude:	34.98472222
Longitude:	-80.56944444
Latitude Number:	345905
Longitude Number:	803410
Latitude Decimal:	34.9847222222222
Longitude Decimal:	80.5694444444444
GPS:	NOD
Agency:	DWM
Facility ID:	6776
Last Modified:	2/25/1999
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
RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	8/23/1996

10
ENE
1/2-1
0.889 mi.
4694 ft.

FORMER SCOTT AVIATION FACILITY
309 W CROWELL ST
MONROE, NC 28112

SEMS-ARCHIVE
RCRA-CESQG
SHWS
BROWNFIELDS

1000421265
NCD003155587

Relative:
Lower

Actual:
590 ft.

SEMS Archive:

Site ID:	402608
EPA ID:	NCD003155587
Cong District:	8
FIPS Code:	37179
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	4
Site ID:	402608
EPA ID:	NCD003155587
Site Name:	SCOTT AVIATION OF MONROE
NPL:	N
FF:	N
OU:	0
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1992-09-30 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	4
Site ID:	402608
EPA ID:	NCD003155587
Site Name:	SCOTT AVIATION OF MONROE
NPL:	N
FF:	N
OU:	0
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1980-08-01 00:00:00
Finish Date:	1980-08-01 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	4
Site ID:	402608
EPA ID:	NCD003155587
Site Name:	SCOTT AVIATION OF MONROE
NPL:	N
FF:	N
OU:	0
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	Not reported
Finish Date:	1992-09-30 00:00:00
Qual:	N
Current Action Lead:	St Perf

FORMER SCOTT AVIATION FACILITY (Continued) **1000421265**

Region:	4
Site ID:	402608
EPA ID:	NCD003155587
Site Name:	SCOTT AVIATION OF MONROE
NPL:	N
FF:	N
OU:	0
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1985-06-13 00:00:00
Qual:	L
Current Action Lead:	St Perf

RCRA-CESQG:

Date form received by agency:	11/13/2006
Facility name:	FORMER SCOTT AVIATION FACILITY
Facility address:	309 W CROWELL ST MONROE, NC 28112
EPA ID:	NCD003155587
Mailing address:	TYCO SAFETY PRODUCTS ONE TOWN CENTER RD BOCA RATON, FL 33486
Contact:	KACEY FUNG
Contact address:	TYCO SAFETY PRODUCTS ONE TOWN CENTER RD BOCA RATON, FL 33486
Contact country:	US
Contact telephone:	561-213-2299
Contact email:	KFUNG@TYCOINT.COM
EPA Region:	04
Land type:	Municipal
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:	CITY OF MONROE
Owner/operator address:	PO BOX 69 MONROE, NC 28111
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported

FORMER SCOTT AVIATION FACILITY (Continued) **1000421265**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 08/01/2004
Owner/Op end date: Not reported

Owner/operator name: SCOTT TECHNOLOGIES INC
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: Operator
Owner/Op start date: 04/29/1980
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: U043
. Waste name: ETHENE, CHLORO- (OR) VINYL CHLORIDE

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Historical Generators:
Date form received by agency: 07/18/2006
Site name: SCOTT HEALTH AND SAFETY
Classification: Not a generator, verified

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

FORMER SCOTT AVIATION FACILITY (Continued) **1000421265**

. Waste code: D011
. Waste name: SILVER

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

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

. Waste code: U122
. Waste name: FORMALDEHYDE

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

Date form received by agency: 12/20/2002
Site name: SCOTT HEALTH AND SAFETY
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D011
. Waste name: SILVER

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

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

. Waste code: U122
. Waste name: FORMALDEHYDE

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

Date form received by agency: 09/30/2002
Site name: SCOTT AVIATION OF MONROE
Classification: Unverified

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, 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

FORMER SCOTT AVIATION FACILITY (Continued) **1000421265**

IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

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

Date form received by agency: 12/08/1998
Site name: SCOTT AVIATION OF MONROE
Classification: Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: SR - 262.34(d)(c)(1)(ii)(4),REF
Area of violation: Generators - Pre-transport
Date violation determined: 03/09/1995
Date achieved compliance: 03/31/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/09/1995
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: 03/09/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/31/1995
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/31/1995
Evaluation lead agency: State

FORMER SCOTT AVIATION FACILITY (Continued) **1000421265**

Evaluation date: 03/09/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/31/1995
Evaluation lead agency: State

Evaluation date: 12/10/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/31/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/05/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/10/1983
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

SHWS:
EPAID: NCD003155587
Lat/Longitude: 34.984770 / -80.554050
Geolocation Method: On Screen Placement On Georeferenced Map

BROWNFIELDS:
Project Type: FINALIZED BROWNFIELD AGREEMENTS
Project ID: 09042-05-90

11
ENE
1/2-1
0.919 mi.
4850 ft.

MONROE ICE & FUEL CO **SHWS** **U001202946**
601 N CHARLOTTE AVE **LUST** **N/A**
MONROE, NC 28111 **UST**
IMD

Relative:
Lower

Actual:
577 ft.

SHWS:
EPAID: NONCD0002092
Lat/Longitude: 34.986410 / -80.553480
Geolocation Method: On Screen Placement On Georeferenced Map

LUST:
Facility ID: 00-0-000
UST Number: MO-4201
Incident Number: 12932
Contamination Type: SL
Source Type: Leak-underground
Product Type: P

MONROE ICE & FUEL CO (Continued) **U001202946**

Date Reported:	01/14/1993	
Date Occur:	11/13/1992	
Cleanup:	01/19/1993	
Closure Request:	Not reported	
Close Out:	12/08/1998	
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:	65/E	
Phase Of LSA Req:	Not reported	
Site Risk Reason:	Not reported	
Land Use:	Not reported	
MTBE:	Not reported	
MTBE1:	No	
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:	119	
Reel Num:	0	
RPOW:	True	
RPOP:	False	
Error Flag:	0	
Error Code:	Not reported	
Valid:	False	
Lat/Long Decimal:	34.9861 -80.5533	
Testlat:	Not reported	
Regional Officer Project Mgr:		KWC
Region:		MOR
Company:		MONROE ICE AND FULE COMPANY
Contact Person:		H.D. JOYNER
Telephone:		7042832154
RP Address:		601 CHARLOTTE AVE
RP City,St,Zip:		MONROE, NC 28110
RP County:		UN
Comments:	600 TONS OF SOIL REMOVED DURING TANK CLOSURE. 24 HR REPORT FOR HOLE IN TANK RECEIVED 1.14.93 SOIL EXCAVATED TO BEDROCK. NFA 12.08.98 SITE STILL OPEN IN GW SECTION FOR SOLVENT CONTAMINATION OF GW.	
5 Min Quad:	Not reported	

PIRF:

Facility Id:	12932
Date Occurred:	1993-01-19 00:00:00
Date Reported:	1994-11-07 00:00:00
Description Of Incident:	UPON REMOVAL OF 5 USTS, SOIL AND GW CONTAM. WERE CONFIRMED.
Owner/Operator:	MONROE ICE AND FUEL COMPANY
Ownership:	4
Operation Type:	6

MONROE ICE & FUEL CO (Continued) **U001202946**

Type:	3
Location:	1
Site Priority:	65/E
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:	U62G
Source Code:	Pirf
Err Type:	Not reported
Cause:	Not reported
Source:	Not reported
Ust Number:	Not reported
Last Modified:	2000-08-24 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:	2000-06-22 00:00:00

UST:

Facility Id:	00-0-0000026386
Contact:	MONROE ICE & FUEL CO
Contact Address1:	601 N CHARLOTTE AVE
Contact Address2:	Not reported
Contact City/State/Zip:	MONROE, NC 28111-0671
FIPS County Desc:	Union
Latitude:	0
Longitude:	0
Tank Id:	1
Tank Status:	Removed
Installed Date:	01/01/1964
Perm Close Date:	01/31/1993
Product Name:	Diesel
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:	Single Wall Steel

MONROE ICE & FUEL CO (Continued) **U001202946**

Decode for PSYS_KEY: Unknown

Tank Id: 2
Tank Status: Removed
Installed Date: 01/01/1964
Perm Close Date: 01/31/1993
Product Name: Diesel
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: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 3
Tank Status: Removed
Installed Date: 01/01/1964
Perm Close Date: 01/31/1993
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: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 4
Tank Status: Removed
Installed Date: 01/01/1964
Perm Close Date: 01/31/1993
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

MONROE ICE & FUEL CO (Continued) **U001202946**

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:	5
Tank Status:	Removed
Installed Date:	01/01/1964
Perm Close Date:	01/31/1993
Product Name:	Kerosene, Kero 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:	Single Wall Steel
Decode for PSYS_KEY:	Unknown

IMD:

Region:	MOR
Facility ID:	12932
Date Occurred:	11/13/1992
Submit Date:	11/7/1994
GW Contam:	No Groundwater Contamination detected
Soil Contam:	Yes
Incident Desc:	UPON REMOVAL OF 5 USTS, SOIL AND GW CONTAM. WERE CONFIRMED.
Operator:	H.D. JOYNER
Contact Phone:	7042832154
Owner Company:	MONROE ICE AND FULE COMPANY
Operator Address:	601 CHARLOTTE AVE
Operator City:	MONROE
Oper City,St,Zip:	MONROE, NC 28110
Ownership:	Private
Operation:	Commercial
Material:	GASOLINE
Qty Lost 1:	Not reported
Qty Recovered 1:	Not reported
Material:	FUEL OIL #2
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Facility
Setting:	Urban
Risk Site:	L
Site Priority:	65/E

MONROE ICE & FUEL CO (Continued) **U001202946**

Priority Code:	L
Priority Update:	5/15/1998
Dem Contact:	KWC
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:	U62G
Latitude:	34.98416666
Longitude:	-80.55277777
Latitude Number:	345903
Longitude Number:	803310
Latitude Decimal:	34.9841666666667
Longitude Decimal:	80.5527777777778
GPS:	7
Agency:	DWM
Facility ID:	12932
Last Modified:	8/24/2000
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:	6/22/2000

Region:	MOR
Facility ID:	19329
Date Occurred:	2/15/1993
Submit Date:	Not reported
GW Contam:	Yes, Groundwater Contamination has been detected
Soil Contam:	Not reported
Incident Desc:	PCE,TCE,ETC DISCOVERED IN GW AS PART OF LUST INVEST.
Operator:	JOYNER, H.D.
Contact Phone:	Not reported
Owner Company:	MONROE ICE & FUEL
Operator Address:	601 CHARLOTTE AVE
Operator City:	MONROE
Oper City,St,Zip:	MONROE, NC
Ownership:	Military
Operation:	Agricultural
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

MONROE ICE & FUEL CO (Continued) **U001202946**

Priority Code:	E
Priority Update:	Not reported
Dem Contact:	MAF
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:	Not reported
Longitude:	Not reported
Latitude Number:	Not reported
Longitude Number:	Not reported
Latitude Decimal:	Not reported
Longitude Decimal:	Not reported
GPS:	GPS
Agency:	DWQ
Facility ID:	19329
Last Modified:	11/7/2000
Incident Phase:	Discovery
NOV Issued:	Not reported
NORR Issued:	Not reported
45 Day Report:	Not reported
Public Meeting Held:	Not reported
Corrective Action Planned:	Not reported
SOC Sighned:	Not reported
Reclassification Report:	Not reported
RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	Not reported

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MONROE	S105218181	FRANKLIN PLAZA, INC.	WEST FRANKLIN ST.		LUST TRUST

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
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 04/16/2018
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 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

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
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 05/21/2018
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
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
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
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 04/16/2018
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
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/05/2018
Next Scheduled EDR Contact: 04/16/2018
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: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 04/30/2018
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
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/28/2018
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
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

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
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

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
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

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
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

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/22/2017
Date Data Arrived at EDR: 06/13/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 94

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/09/2018
Next Scheduled EDR Contact: 05/28/2018
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: 11/13/2017
Date Data Arrived at EDR: 11/27/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 74

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
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: 11/13/2017
Date Data Arrived at EDR: 11/27/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 74

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 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: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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: 12/01/2017
Date Data Arrived at EDR: 12/13/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 23

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: 12/28/2017
Next Scheduled EDR Contact: 04/09/2018
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: 01/12/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Varies

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
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: 877-623-6748
Last EDR Contact: 02/07/2018
Next Scheduled EDR Contact: 05/21/2018
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
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: 02/07/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

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

Date of Government Version: 04/25/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 31

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

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

Date of Government Version: 04/13/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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: 05/01/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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: 04/14/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

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

Date of Government Version: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Semi-Annually

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

Date of Government Version: 04/14/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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: 04/26/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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: 04/24/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 03/01/2018
Number of Days to Update: 50

Source: Department of Environment and Natural Resources
Telephone: 919-733-1315
Last EDR Contact: 01/10/2018
Next Scheduled EDR Contact: 04/23/2018
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
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/09/2018
Next Scheduled EDR Contact: 04/23/2018
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.

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: 02/07/2018
Next Scheduled EDR Contact: 05/21/2018
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: 12/05/2017
Date Data Arrived at EDR: 12/19/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 17

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 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: 04/14/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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: 04/25/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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)

Date of Government Version: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Semi-Annually

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/01/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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: 05/02/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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: 04/26/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/13/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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: 12/01/2017
Date Data Arrived at EDR: 12/13/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 23

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: 12/01/2017
Date Data Arrived at EDR: 12/13/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 23

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

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

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

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

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

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 liabitliy control.

Date of Government Version: 12/01/2017
Date Data Arrived at EDR: 01/03/2018
Date Made Active in Reports: 03/01/2018
Number of Days to Update: 57
Source: Department of Environment and Natural Resources
Telephone: 919-733-4996
Last EDR Contact: 01/03/2018
Next Scheduled EDR Contact: 04/16/2018
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
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 21
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/21/2018
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: 08/18/2017
Date Data Arrived at EDR: 08/22/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 34
Source: Department of Environment & Natural Resources
Telephone: 919-707-8137
Last EDR Contact: 01/29/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

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

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: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: No Update Planned

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

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 Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 02/02/2018
Next Scheduled EDR Contact: 05/14/2018
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: 01/19/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 16

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: No Update Planned

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: 01/09/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 16

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
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: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 05/21/2018
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
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 63

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/27/2018
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: 12/13/2017
Date Data Arrived at EDR: 12/14/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 22

Source: Department of Environment & Natural Resources
Telephone: 919-807-6308
Last EDR Contact: 03/07/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Quarterly

IMD: Incident Management Database

Groundwater and/or soil contamination incidents

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

Source: Department of Environment and Natural Resources
Telephone: 919-733-3221
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 09/27/2012
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: 02/21/2018
Next Scheduled EDR Contact: 06/04/2018
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: 10/13/2017
Next Scheduled EDR Contact: 01/22/2018
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: 10/11/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/16/2018
Next Scheduled EDR Contact: 05/28/2018
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
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/27/2018
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
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/21/2018
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
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/08/2018
Next Scheduled EDR Contact: 05/21/2018
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
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/23/2018
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
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/23/2018
Next Scheduled EDR Contact: 06/04/2018
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
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/25/2018
Next Scheduled EDR Contact: 05/07/2018
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: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/09/2018
Next Scheduled EDR Contact: 06/18/2018
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
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/07/2018
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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

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

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 05/21/2018
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
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/12/2018
Next Scheduled EDR Contact: 04/23/2018
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
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 01/09/2018
Next Scheduled EDR Contact: 04/23/2018
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
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
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/21/2018
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
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 03/09/2018
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
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/06/2018
Next Scheduled EDR Contact: 06/18/2018
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
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/26/2018
Next Scheduled EDR Contact: 05/07/2018
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: 10/02/2017
Date Data Arrived at EDR: 10/05/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/16/2018
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
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: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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

Date of Government Version: 10/19/2006
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 Transporation, 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 Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/14/2018
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: 09/30/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 63

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/19/2018
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: 02/23/2018
Next Scheduled EDR Contact: 06/04/2018
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: 01/09/2018
Next Scheduled EDR Contact: 04/23/2018
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: 01/19/2018
Next Scheduled EDR Contact: 05/21/2018
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.

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: 02/23/2018
Next Scheduled EDR Contact: 06/04/2018
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: 02/06/2018
Next Scheduled EDR Contact: 05/21/2018
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 1931and 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: 10/29/2017
Date Data Arrived at EDR: 11/28/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 45

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/28/2018
Next Scheduled EDR Contact: 06/11/2018
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.

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

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/02/2018
Next Scheduled EDR Contact: 06/11/2018
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
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/02/2018
Next Scheduled EDR Contact: 06/11/2018
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
Date Data Arrived at EDR: 12/21/2017
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 92

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/07/2018
Next Scheduled EDR Contact: 06/25/2018
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
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 28

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 02/23/2018
Next Scheduled EDR Contact: 06/18/2018
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
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/07/2018
Next Scheduled EDR Contact: 06/18/2018
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: 06/27/2017
Date Data Arrived at EDR: 11/21/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 03/02/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 73

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/02/2018
Next Scheduled EDR Contact: 04/30/2018
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
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 30

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/21/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 02/23/2016
Date Made Active in Reports: 05/18/2016
Number of Days to Update: 85

Source: Department of Environment & Natural Resources
Telephone: 919-807-6359
Last EDR Contact: 03/01/2018
Next Scheduled EDR Contact: 05/14/2018
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: 04/04/2017
Date Data Arrived at EDR: 06/20/2017
Date Made Active in Reports: 08/10/2017
Number of Days to Update: 51

Source: Department of Environment & Natural Resources
Telephone: 919-508-8400
Last EDR Contact: 03/21/2018
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.

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: 02/07/2018
Next Scheduled EDR Contact: 05/21/2018
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: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 10/11/2017
Number of Days to Update: 29

Source: Department of Environment & Natural Resources
Telephone: 919-707-8222
Last EDR Contact: 03/07/2018
Next Scheduled EDR Contact: 06/25/2018
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: 01/31/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

UIC: Underground Injection Wells Listing
A listing of uncerground injection wells locations.

Date of Government Version: 12/05/2017
Date Data Arrived at EDR: 12/06/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 30

Source: Department of Environment & Natural Resources
Telephone: 919-807-6412
Last EDR Contact: 03/01/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

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

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

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: 02/14/2018
Next Scheduled EDR Contact: 05/28/2018
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: 01/05/2018
Next Scheduled EDR Contact: 04/23/2018
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: 12/31/2017
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/09/2018
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/14/2018
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: 01/16/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

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

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/21/2018
Next Scheduled EDR Contact: 06/04/2018
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

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

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

Flood Zone Data: This data 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SECREST
2017 WAXHAW HWY
MONROE, NC 28112

TARGET PROPERTY COORDINATES

Latitude (North):	34.977802 - 34° 58' 40.09''
Longitude (West):	80.574674 - 80° 34' 28.83''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	538823.2
UTM Y (Meters):	3870466.5
Elevation:	615 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5946495 MONROE, 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).

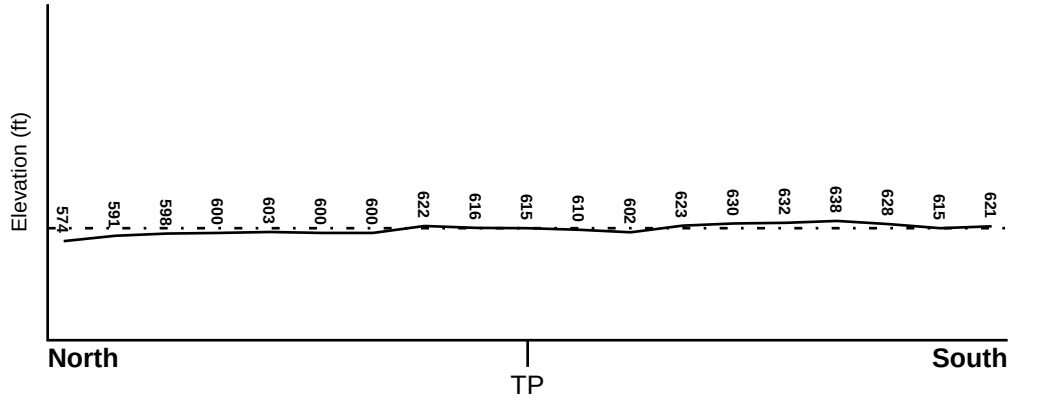
TOPOGRAPHIC INFORMATION

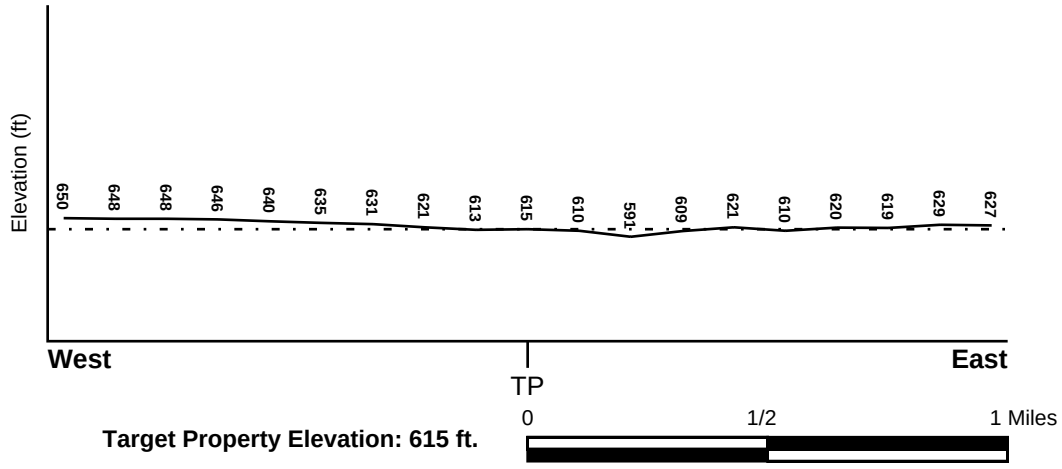
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ESE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





0 1/2 1 Miles

Target Property Elevation: 615 ft.

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

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

Flood Plain Panel at Target Property	FEMA Source Type
3710542500J	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
3710543500J	FEMA FIRM Flood data
3710543400J	FEMA FIRM Flood data
3710542400J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
MONROE	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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
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

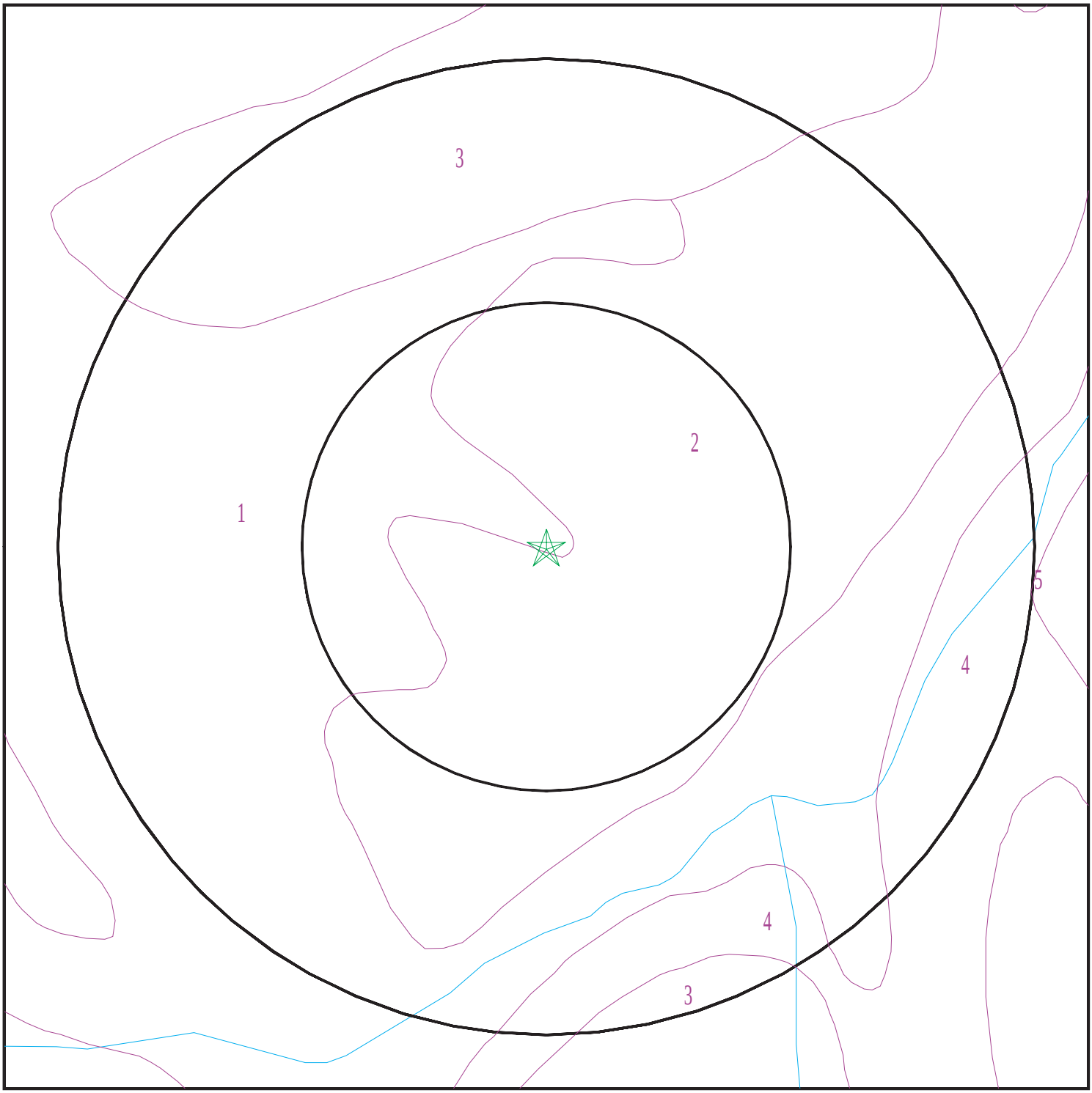
Era:	Paleozoic
System:	Cambrian
Series:	Cambrian
Code:	Ce *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

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

SSURGO SOIL MAP - 5233493.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Secrest	CLIENT:	SUMMIT Engineering, Laboratory & Testing, PC
ADDRESS:	2017 Waxhaw Hwy Monroe NC 28112	CONTACT:	M. Zavislak
LAT/LONG:	34.977802 / 80.574674	INQUIRY #:	5233493.2s
		DATE:	March 30, 2018 9:14 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Cid

Soil Surface Texture: channery silt loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 5.5 Min: 3.5
2	9 inches	22 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 3.5
3	22 inches	27 inches	channery silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 3.5
4	27 inches	31 inches	weathered bedrock	Not reported	Not reported	Max: 14 Min: 0	Max: Min:

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
5	31 inches	35 inches	unweathered bedrock	Not reported	Not reported	Max: 14 Min: 0	Max: Min:

Soil Map ID: 2

Soil Component Name: Goldston

Soil Surface Texture: very channery silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 5.5 Min: 3.5
2	5 inches	16 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 5.5 Min: 3.5
3	16 inches	27 inches	weathered bedrock	Not reported	Not reported	Max: 14 Min: 0	Max: Min:

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
4	27 inches	31 inches	unweathered bedrock	Not reported	Not reported	Max: 14 Min: 0	Max: Min:

Soil Map ID: 3

Soil Component Name: Tatum

Soil Surface Texture: gravelly silty clay loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	gravelly silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 4.5
2	5 inches	44 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
3	44 inches	53 inches	weathered bedrock	Not reported	Not reported	Max: 14 Min: 0	Max: Min:

Soil Map ID: 4

Soil Component Name: Badin

Soil Surface Texture: channery silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 3.5
2	5 inches	35 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 5.5 Min: 3.5
3	35 inches	42 inches	weathered bedrock	Not reported	Not reported	Max: 14 Min: 0	Max: Min:
4	42 inches	46 inches	unweathered bedrock	Not reported	Not reported	Max: 14 Min: 0	Max: Min:

Soil Map ID: 5

Soil Component Name: Badin

Soil Surface Texture: channery silt loam

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

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 3.5
2	5 inches	35 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 5.5 Min: 3.5
3	35 inches	42 inches	weathered bedrock	Not reported	Not reported	Max: 14 Min: 0	Max: Min:
4	42 inches	46 inches	unweathered bedrock	Not reported	Not reported	Max: 14 Min: 0	Max: Min:

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

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

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

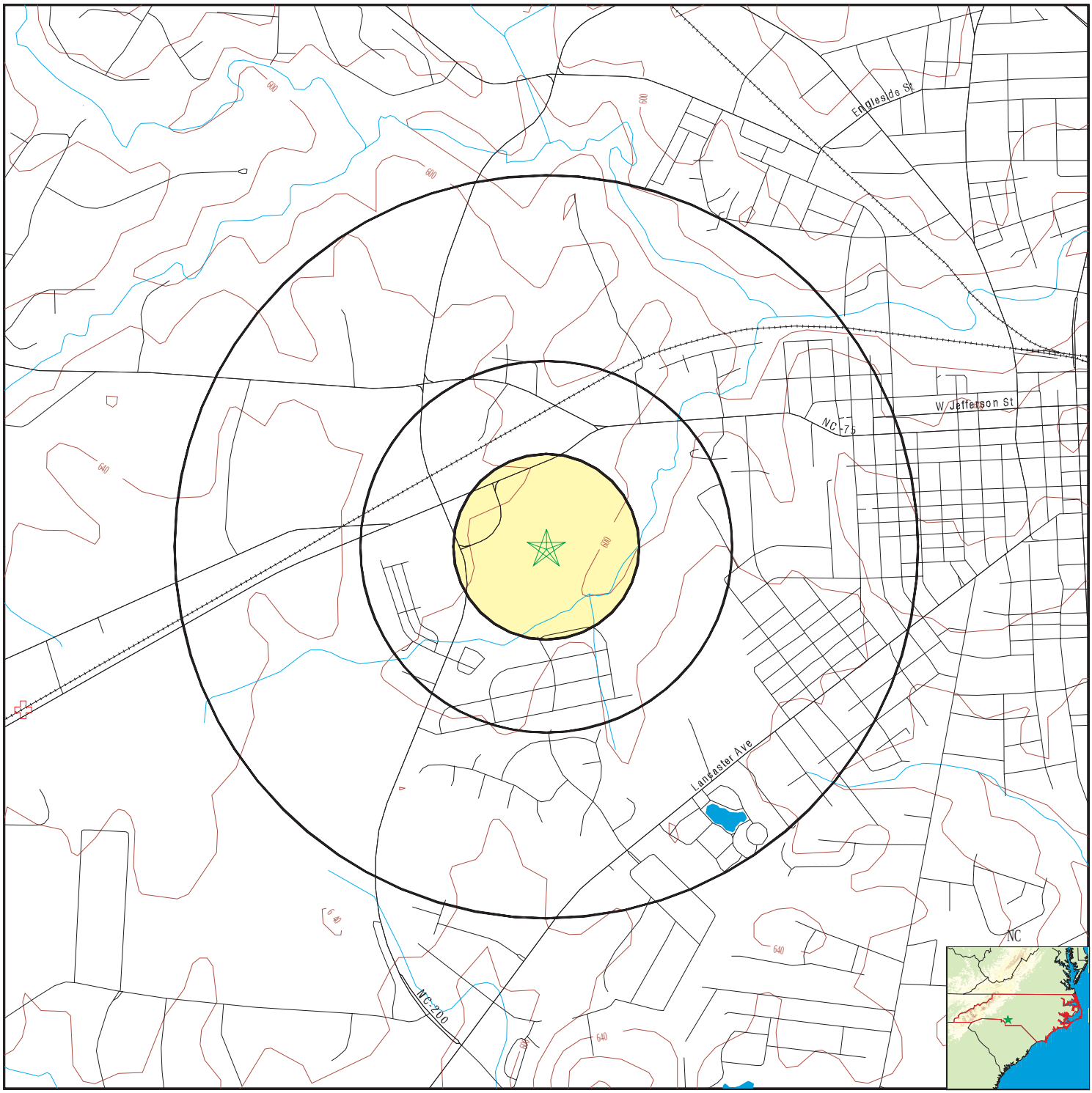
No Wells Found

OTHER STATE DATABASE INFORMATION

NORTH CAROLINA NATURAL HERITAGE ELEMENT OCCURRENCES

ID	Class
NC50002185	Plants

PHYSICAL SETTING SOURCE MAP - 5233493.2s



0 1/4 1/2 1 Miles

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

SITE NAME: Secrest	CLIENT: SUMMIT Engineering, Laboratory & Testing, PC
ADDRESS: 2017 Waxhaw Hwy Monroe NC 28112	CONTACT: M. Zavislak
LAT/LONG: 34.977802 / 80.574674	INQUIRY #: 5233493.2s DATE: March 30, 2018 9:14 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database | EDR ID Number

NC_NHEO **NC50002185**

GIS ID:	163204
Classification by Type:	Plants
Occurrence Status:	Extant

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for UNION County: 3

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

Federal Area Radon Information for UNION COUNTY, NC

Number of sites tested: 4

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.575 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

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

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

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

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

State Wetlands Data: 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 converage identifying sites (terrestrial or aquatic that have particular biodiversity significance. A site's significance may be due to the presenceof rare species, rare or hight 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 Statiscal 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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Secrest

2017 Waxhaw Hwy

Monroe, NC 28112

Inquiry Number: 5233493.5

March 26, 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

03/26/18

Site Name:

Secrest
2017 Waxhaw Hwy
Monroe, NC 28112
EDR Inquiry # 5233493.5

Client Name:

SUMMIT Engineering, Laboratory & Testi
P O Box 7384
Charlotte, NC 28241
Contact: M. Zavislak

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by SUMMIT Engineering, Laboratory & Testing, PC 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 # 2FD4-4932-996D

PO # NA

Project 4222.504

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 #: 2FD4-4932-996D

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 IV

DEED & TAX INFORMATION

Union County Tax Records Search

Account Information

Parcel Number:	09321004 90	**Property Class:**	RESIDENTIAL - SINGLE FAMILY
Situs Address:	WAXHAW HWY	**Township:**	Monroe
Subdivision:			
Acreage:	106.7000 Ac	**Neighborhood:**	4903000
Legal Description:	REDWINE & HELMS 09321004 80=104.950/ 106.700 AC		
Owner:	SECREST DRUG CO INC	**Mailing Address:**	PO BOX 547 MONROE , NC 28111

Land Value:	$551200
Building Value:	$26600
Other Value:	$0
Total Value:	$577800

Union County's most recent revaluation was effective 1/1/2015, our value reflects the market at that time.

For sales in your area prior to our revaluation date click here

For Information about Appealing this Value click here

Sales Information

Sale Date	Sale Amount	Book & Page	Grantor
01/01/1900	$0		
01/01/1900	$0		
01/01/1900	$0		

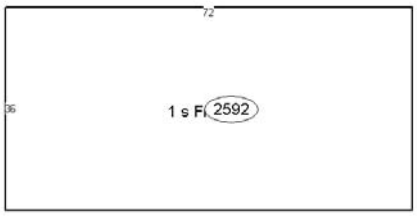
Please E-mail the Appraisal Division at appraiserhelp@unioncountync.gov if you see any errors in the information.
Be sure to include your Parcel Number in the subject line.

Building Information

COMMERCIAL #1

Type of Building:	COMMERCIAL	**Number of Stories:**	1	**Year Build:**	1940
Quality of Contruction:	Fair Minus	**Condition of Building:**	Average	**Roofing Material:**	
Exterior Covering:	N/A	**Central Air Conditioning:**	No	**Heating Type:**	0 sf

Total Living Area:	2592	**Value per Square Foot:**	$222.92
Total Basement Area:	0	**Finished Basement Area:**	0
Total Lower Level Area:	0	**Finished Lower Level Area:**	0
Enclose Porch Area:	0	**Open Porch Area:**	0
Total Garage Area:	0		



12/20/2016 12:00:00 AM

Parcel Number

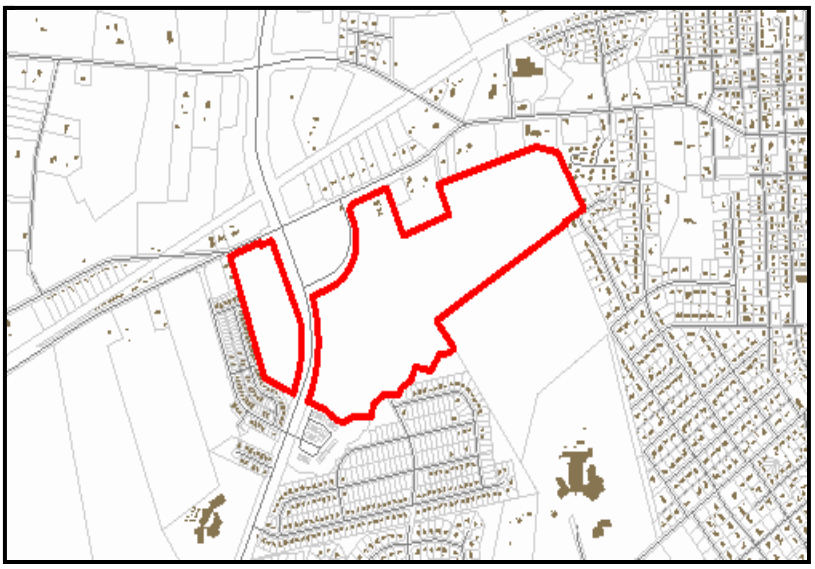
09321004 90

Owner

**SECREST
DRUG CO
INC**

Mailing Address

**PO BOX 547
MONROE
NC, 28111**



Account Information

Land Value	$551,200.00	**Subdivision**	
Building Value	$26,600.00	**Description**	REDWINE & HELMS 09321004 80=104.950/ 106.700 AC
Total Value	$577,800.00	**Situs Address**	WAXHAW HWY
Acreage	106.7000	**Property Class**	RESIDENTIAL - SINGLE FAMILY

Sales Information

Sale Date	Sale Amount	Book & Page	Grantor
01/01/1900	$0.00		
01/01/1900	$0.00		
01/01/1900	$0.00		

Location Information

Municipal Administration	Union County	**School**	School Assignment Information
County Zoning Code	CITY	**Census Tract Number**	205.01
Zoning Administration	Monroe	**FEMA Panel**	5435,5424,5425
ETJ	Monroe	**FEMA Zone**	AE,0.2% Annual Chance
Fire District	Springs	**Soils**	TbB2,GsB,CmB,BaC,BaB,BuB

Building Information - View Real Property Site

Total Living Area	2592	**Type of Building**	COMMERCIAL
Year Build	1940	**Improvement Type**	General Retail

District Voting Assignments (Jurisdictions)

Polling Place	Mt. Carmel United Methodist Church	**School District**	3	**Congressional District**	8
Precinct District	#7	**State House**	55	**Senate District**	35

APPENDIX V

ENVIRONMENTAL QUESTIONNAIRE

SUMMIT Engineering, Laboratory and Testing, PC (SUMMIT)
P.O. Box 7384
Charlotte, North Carolina 28241
Phone: (704) 504-1717
Fax: (704) 504-1125
www.summit-companies.com

Secrest Commons
Union County Parcel ID: 0932100490

Environmental questionnaire to be completed by the current property owner or representative.

1. What is the present use of the property?
98% is farm land. The other 2% is an Auction Barn.

2. Are you familiar with past uses of the property? Please describe past use if know.
The same.

3. Are you aware of any previous environmental due diligence reports for the subject site (former Transaction Screen reports, Phase I ESA's or Phase II ESA's)? If yes please provide copies or access to the consultant for completion of this Phase I ESA.
No

4. If applicable, what are the present and past sources of heat?
N/A

5. Are there any underground storage tanks on the property, or have there been any in the past? (if yes, please explain) (tanks for gasoline/diesel or heating fuel, oil water separators and tanks for hydraulic fluid for automotive lifts, etc.)
No

6. Are there any aboveground storage tanks on the property, or have there been any in the past? (if yes, please explain) (tanks for gasoline/diesel or heating fuel, used oil, propane or other gases, etc.)
No

7. Is the property served by a well? If so, how many?
No

8. Has the price of the property ever been discounted because of a real or suspected environmental contamination condition?

   No

9. Do you know of any open dumping on the property? If so, with what kind of materials?

   No

10. Do you know of any environmental concerns (e.g. buried wastes, landfills, chemical releases) with the property?

    No

11. Do you know of any environmental concerns (e.g. buried wastes, landfills, chemical releases) with any adjacent or nearby properties??

    No

12. Are you aware of any past, threatened or pending lawsuits, administrative proceedings, or notices of violations from any governmental entity concerning a release or threatened release of any hazardous substances or petroleum products in connection with the property?

    No

Name: Mary Helen Treece

Representing: Secrest Drug Company, Inc

Signature: Mary Helen Treece

Date: 3/21/18

Contact: maryhelentreece@gmail.com

Please provide a preferred contact (email, phone, etc) for the person completing this questionnaire. Based on the information received, SUMMIT may have additional questions pertaining to this project.

APPENDIX VI

ENVIRONMENTAL RECORDS / SUPPORTING DOCUMENTS

DEVELOPMENT INFORMATION:

DEVELOPER: MT LAND, LLC
141 PROVIDENCE RD,
CHARLOTTE, NC 28207
PHONE: (704) 200-4273

LAND OWNER: SECREST DRUG CO. INC.
P.O. BOX 547
MONROE, NC 28111

TAX PARCEL NO.: 09321004 90

BOOK & PAGE UNKNOWN

SITE ACREAGE: 124.54± ACRES

CURRENT ZONING: R-20

PROPOSED ZONING: CONDITIONAL USE DISTRICT - SECREST COMMONS

LAND USE: EXISTING - FARMLAND (VACANT)
PROPOSED - SINGLE FAMILY / MULTIFAMILY RESIDENTIAL

SETBACKS: FRONT- 20FT.
CORNER- 10FT
SIDE- 5FT
REAR- 25FT

LOTS/UNITS: TRACT 1 - 280 UNITS (51' X 120')
TRACT 2 - 192 UNITS (20' X 40')
TOTAL - 472 UNITS

LOT WIDTHS (MIN.): 51 FT

LOT AREAS (MIN.): 6,000 SF

COMMON OPEN SPACE: C.O.S. REQUIRED= 15.58 ACRES (12.5%)
C.O.S. PROVIDED= 44.21 ACRES (35.50%)

DENSITY: TRACT 1- 2.78 UNITS/ACRE
TRACT 2- 9.33 UNITS/ACRE
OVERALL- 3.79 UNITS/ACRE

VICINITY MAP - N.T.S.

PHASE	UNIT TYPE	LOTS
1	SINGLE FAMILY	±108
1	TOWNHOME	±80
2	SINGLE FAMILY	±90
2	TOWNHOME	±112
3	SINGLE FAMILY	±82
		280

Parcel Area Table	
Parcel #	Area
1	6120.00
2	6120.00
3	6120.00
4	6120.00
5	6120.00
6	6120.00
7	6217.24
8	6977.35
9	6977.35
10	6977.35
11	6977.35
12	6565.47
13	6120.00
14	6120.00
15	6120.00
16	6120.00
17	6373.93
18	6977.35
19	6977.35
20	6977.35
21	6977.35
22	6914.20
23	6120.00
24	6120.00
25	6120.00
26	6485.59
27	6651.05
28	6651.05
29	6421.83
30	6120.00
31	6120.00
32	6120.00
33	6120.00
34	6114.15
35	6621.98
36	9826.15
37	6762.20
38	6410.78
39	10475.85
40	10628.20
41	10567.04
42	11128.79
43	6324.78
44	6456.16
45	7625.05
46	7015.25
47	6120.00
48	6120.00
49	6505.81
50	6878.73

Parcel Area Table	
Parcel #	Area
51	6878.73
52	6512.94
53	6120.00
54	6120.00
55	6120.00
56	6120.00
57	6120.00
58	6120.00
59	6826.28
60	6708.62
61	6120.00
62	6120.00
63	6120.00
64	6120.00
65	6120.63
66	7165.67
67	6339.02
68	7608.16
69	7709.97
70	6190.52
71	5824.83
72	5531.96
73	11300.08
74	11300.08
75	11300.08
76	7587.65
77	8068.36
78	6375.00
79	7087.50
80	6878.73
81	7196.04
82	8862.47
83	6120.00
84	6120.00
85	6120.00
86	6343.06
87	10358.62
88	10345.53
89	10351.94
90	9961.57
91	6035.46
92	6140.39
93	6120.00
94	6120.00
95	6120.00
96	6120.00
97	6120.00
98	7111.92
99	6120.08
100	6120.08

Parcel Area Table	
Parcel #	Area
101	6120.08
102	6120.08
103	6120.08
104	6120.08
105	6120.08
106	6120.08
107	6120.08
108	6090.26
109	7036.26
110	6618.59
111	6119.98
112	8183.53
113	6120.00
114	6120.00
115	6120.00
116	6120.00
117	6120.00
118	6120.00
119	6120.00
120	6120.00
121	6120.00
122	6120.00
123	6120.00
124	6120.00
125	6120.00
126	6559.03
127	6120.00
128	6860.83
129	6504.38
130	6070.03
131	6070.09
132	6860.83
133	6825.32
134	6255.72
135	6120.00
136	6120.00
137	6120.00
138	6120.00
139	6120.00
140	6120.00
141	6120.00
142	6120.00
143	6120.00
144	6646.44
145	6891.18
146	6891.18
147	6891.18
148	6891.18
149	6312.94
150	6120.00

Parcel Area Table	
Parcel #	Area
151	6120.00
152	6120.00
153	6120.00
154	6267.14
155	6659.93
156	6659.93
157	6450.54
158	8277.48
159	7792.79
160	6620.71
161	6120.00
162	6120.00
163	7765.59
164	8287.55
165	6321.10
166	6120.00
167	6120.00
168	6120.00
169	7531.35
170	8287.55
171	7072.63
172	6120.00
173	6120.00
174	6189.14
175	6504.88
176	6504.88
177	6504.88
178	6504.88
179	6282.38
180	6120.00
181	6559.03
182	6743.97
183	9793.40
184	10372.47
185	10372.47
186	8392.23
187	6440.56
188	6233.97
189	6460.28
190	6190.06
191	6504.88
192	6504.88
193	6504.88
194	6504.88
195	6504.88
196	6504.88
197	6504.88
198	6504.88
199	6279.25
200	6120.00

Parcel Area Table	
Parcel #	Area
201	6120.00
202	6120.00
203	8097.55
204	6733.52
205	6120.00
206	6120.00
207	6120.00
208	6120.00
209	6120.00
210	6436.83
211	7259.52
212	6120.00
213	6120.00
214	6120.00
215	6120.00
216	8064.07
217	8287.55
218	7809.39
219	6815.32
220	5629.98
221	6120.00
222	6120.00
223	6120.00
224	6120.00
225	7656.20
226	6157.45
227	6647.94
228	6891.18
229	6643.48
230	6120.00
231	6120.00
232	6120.00
233	6120.00
234	6120.00
235	6120.00
236	6120.00
237	6120.00
238	6120.00
239	6120.00
240	6120.00
241	6120.00
242	6120.00
243	6120.00
244	6120.00
245	6120.00
246	6120.00
247	6120.00
248	6120.00
249	7072.73
250	7134.00

NOTE:
ROADWAY IMPROVEMENTS SUBJECT TO FINAL NCDOT APPROVAL

DATE	ISSUED FOR	REV

NORTH CAROLINA 811 — North Carolina One-Call Center
811 Know what's below. Call before you dig.

Engineer:

RJH

R. Joe Harris & Associates, Inc.
Engineering • Land Surveying • Planning Management
127 Bein Casey Drive, Suite 101, Fort Mill, S.C., 29708 P: (803) 802-1799
www.rjoeharris.com

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Corporate Seal: NORTH CAROLINA PROFESSIONAL ENGINEERING & SURVEYING CORP. SEAL C-4168 R. JOE HARRIS & ASSOCIATES, INC.

Engineer's Seal: NORTH CAROLINA REGISTERED PROFESSIONAL ENGINEER SEAL 036836 PATRICK L. MURPHY

Project Manager	Drawn
P. Murphy	I. Bailey
Department Manager	Checked
P. Murphy	P. Murphy

Print/Plot Date: December 14, 2017

Client:
MT LAND
141 PROVIDENCE ROAD
CHARLOTTE, NC 28207
P: (704) 200-4237

Project:
Secrest Commons

Drawing Title:
Conditional Use Plan

Project No.: 2516

DWG File Name: 2516_Prem-Layout(12-12-2017)

Drawing No.: CP-1

CONDITIONAL NOTES:

1. TOTAL NUMBER OF LOTS ON EACH RESPECTIVE LOT SIZE (20' & 51') ARE APPROXIMATE. FINAL COUNTS FOR EACH SIZE MAY VARY BUT THE TOTAL LOT YIELD SHALL NOT EXCEED 472 LOTS.
2. ALL PROPOSED PUBLIC STREETS SHALL BE SUBJECT TO THE CITY OF MONROE'S TYPICAL RESIDENTIAL STREET STANDARDS. SIDEWALK SHALL BE INSTALLED ALONG BOTH SIDES OF THE STREET.
3. PROPOSED WALKING TRAILS SHOWN ARE APPROXIMATE; FINAL LOCATION OF TRAILS SHALL BE STRATEGICALLY FIELD LOCATED.
4. ALL CLUSTER MAILBOXES SHALL BE SUBJECT TO THE LATEST USPS CLUSTER MAILBOX GUIDELINES. THE FINAL LOCATION(S) SHALL BE COORDINATED WITH THE USPS.
5. THE PROPOSED DEVELOPMENT SHALL BE SUBJECT TO THE MONROE FIRE DEPARTMENT FIRE MARSHAL APPROVAL AND 2012 NC FIRE CODE,
6. PROPOSED GRAVITY SEWER SYSTEM AND POTABLE WATER MAIN SYSTEMS SHALL BE DEDICATED TO THE CITY OF MONROE FOR OWNERSHIP AND MAINTENANCE.
7. ANY IMPACTS TO JURISDICTIONAL STREAMS AND/OR WETLANDS ONSITE, SHALL REQUIRE APPROPRIATE PERMIT(S) WITH THE CORPS OF ENGINEERS AND OTHER AUTHORITY HAVING JURISDICTION OVER SUCH IMPACT.
8. THE DEVELOPMENT SHALL BE SUBJECT TO ANY STREET IMPROVEMENT RECOMMENDATIONS IDENTIFIED ON THE NCDOT'S APPROVED TIA.
9. LOT LINES SHALL BE SUBJECT TO THE LATEST CITY OF MONROE LAND DEVELOPMENT DESIGN GUIDELINES AND ORDINANCE. FINAL LOT LINES FOR THE TOWN HOMES SHALL DETERMINED DURING ENGINEERING.
10. ANY TECHNICAL ISSUES NOT ADDRESSED WITH THE REZONING SITE PLAN SHALL BE SUBJECT TO THE CONSTRUCTION DOCUMENT APPROVAL AND COMPLIANCE WITH THE CITY'S SUBDIVISION AND LAND DEVELOPMENT STANDARDS.
11. THE PETITIONER AGREES TO SUBMIT A LANDSCAPE PLAN AND LIGHTING PLAN WITH THE CONSTRUCTION DOCUMENTS. ALL STREET TREES SHALL BE MAINTAINED BY THE PROPERTY OWNER OR THE HOMEOWNERS ASSOCIATION. THE CITY OF MONROE SHALL ASSUME NO MAINTENANCE RESPONSIBILITY FOR TREES THAT ARE PLACED IN THE STREET RIGHT OF WAY.
12. AMENITIES FOR THE TOWN HOMES SHALL INCLUDE A PLAYGROUND AND WALKING TRAILS. FUTURE AMENITIES FOR THE DETACHED PRODUCT CAN BE PROVIDED PER THE DISCRETION OF THE PETITIONER.
13. FUTURE AMENDMENTS TO THE REZONING PLAN (WHICH INCLUDES THESE DEVELOPMENT STANDARDS) MAY BE APPLIED FOR BY THE THEN OWNER OR OWNERS OF THE APPLICABLE DEVELOPMENT AREA PORTION OF THE SITE AFFECTED BY SUCH AMENDMENT.
14. UPON APPROVAL OF THIS REZONING PETITION, ALL CONDITIONS APPLICABLE TO THE DEVELOPMENT OF THE SITE IMPOSED UNDER THE REZONING PLAN WILL, UNLESS AMENDED IN THE MANNER PROVIDED UNDER THE ORDINANCE, BE BINDING UPON AND INSURE TO THE BENEFIT OF THE PETITIONER AND SUBSEQUENT OWNERS OF THE SITE AND THEIR RESPECTIVE HEIRS, DEVISEES, PERSONAL REPRESENTATIVES, SUCCESSORS IN INTEREST OR ASSIGNS.
15. SIGNAGE WITHIN THE DEVELOPMENT SHALL MEET THE REQUIREMENTS OF THE ORDINANCE.
16. THE SCHEMATIC DEPICTIONS OF THE LOTS, STREETS, SIDEWALKS AND OTHER SITE ELEMENTS SET FORTH IN THE REZONING PLAN SHOULD BE REVIEWED IN CONJUNCTION WITH THE PROVISIONS OF THESE DEVELOPMENT STANDARDS. THE ULTIMATE LAYOUT, LOCATIONS, AND SIZES OF THE DEVELOPMENT AND SITE ELEMENTS DEPICTED ON THE REZONING PLAN ARE GRAPHIC REPRESENTATIONS OF THE DEVELOPMENT AND SITE ELEMENTS PROPOSED. THEY MAY BE ALTERED IN ACCORDANCE WITH THE SETBACK, YARD AND BUFFER REQUIREMENTS SET FORTH IN THIS REZONING PLAN AND THE DEVELOPMENT STANDARDS, PROVIDED ANY SUCH ALTERATIONS AND MODIFICATIONS SHALL NOT MATERIALLY CHANGE THE OVERALL DESIGN INTENT DEPICTED ON THE REZONING PLAN.
17. STREET LAYOUTS MAY BE MODIFIED TO ACCOMMODATE FINAL LOTTING AND DEVELOPMENT PLANS WITHIN THE DEVELOPMENT AREA BOUNDARIES TO THE EXTENT PERMITTED BY THE ORDINANCE.
18. NEW HOMES WILL MEET ARCHITECTURAL STANDARDS SET FORTH IN THIS PETITION. REFER TO THE PROPOSED DESIGN REGULATIONS FOR RESIDENTIAL STRUCTURES.
19. FUTURE AMENDMENTS TO THE REZONING PLAN (WHICH INCLUDES THESE DEVELOPMENT STANDARDS) MAY BE APPLIED FOR BY THE THEN OWNER OR OWNERS OF THE APPLICABLE DEVELOPMENT AREA PORTION OF THE SITE AFFECTED BY SUCH AMENDMENT IN ACCORDANCE WITH THE PROVISIONS IN THE ORDINANCE.
20. UPON APPROVAL OF THIS REZONING PETITION, ALL CONDITIONS APPLICABLE TO THE DEVELOPMENT OF THE SITE IMPOSED UNDER THE REZONING PLAN WILL, UNLESS AMENDED IN THE MANNER PROVIDED UNDER THE ORDINANCE, BE BINDING UPON AND INSURE TO THE BENEFIT OF THE PETITIONER AND SUBSEQUENT OWNERS OF THE SITE AND THEIR RESPECTIVE HEIRS, DEVISEES, PERSONAL REPRESENTATIVES, SUCCESSORS IN INTEREST OR ASSIGNS.
21. DEVELOPMENT OF THE SITE WILL BE GOVERNED BY THE REZONING SITE PLAN AND THESE DEVELOPMENT STANDARDS COLLECTIVELY REFERRED TO AS THE "REZONING PLAN", AS WELL AS THE APPLICABLE PROVISIONS OF THE CITY OF MONROE ZONING ORDINANCE (THE "ORDINANCE").
22. DEVELOPER SHALL INSTALL SIDEWALK ALONG ALL PROPERTY FRONTAGE.
23. ARCHITECTURAL DESIGN ELEMENTS WILL NEED TO MEET THE CITY OF MONROE GUIDELINES. ARCHITECTURAL REVIEW WILL BE REQUIRED AS PART OF ALL FUTURE SUBMITTALS.
24. TOWN HOMES SHALL HAVE A 25 FT. BUFFER ALONG THE PROJECT BOUNDARY AND SINGLE FAMILY HOUSING WHICH SHALL CONTAIN THE FOLLOWING:
    1. 6' PRIVACY FENCE,; AND
    2. BERM, AND
    3. FORTY (40) SHRUBS PER 100 LINEAR FEET, SCATTERED EVENLY WITHIN THE BUFFER; AND
    4. FIVE (5) DECIDUOUS/CANOPY TREES PER 100 LINEAR, PLANTED 20' ON CENTER, OR
    5. TEN (10) UNDERSTORY TREES PER 100 LINEAR FEET, PLANTED 10' ON CENTER, OR
    6. TWENTY (20) EVERGREEN TREES PER 100 LINEAR FEET, PLANTED 5' ON CENTER

    VARIANCE IS NEEDED TO CHANGE BUFFER FROM 50 FT. TO 25 FT.
25. THE PHASE LINES SHOWN ARE PRELIMINARILY BASED ON EXISTING TOPOGRAPHY PATTERN, RESPECTIVE DRAINAGE BASINS, AND STREET CONNECTIVITY AND ACCESSIBILITY. ACTUAL CONSTRUCTION AND DEVELOPMENT PHASES AND SUB PHASES SHALL BE SUBJECT TO CHANGES BASED ON MARKET CONDITIONS AND CONSTRUCTION SCHEDULES.

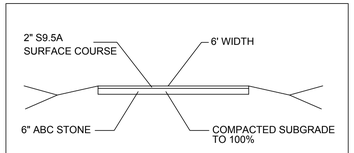
NOTES:

TOWNHOMES/DETACHED SINGLE FAMILY:

1. PROPOSED REZONING FROM R-20 TO CONDITIONAL DISTRICT - SECREST COMMONS.
2. ROADS WILL BE PUBLIC STREETS CONSTRUCTED IN ACCORDANCE WITH CITY OF MONROE STANDARDS.
3. LOT SIZE RANGE IS FROM 6,000 SF TO 11,300 SF. AVG. LOT SIZE IS 6,500 SF.
4. TOWNHOMES WILL BE SUBLOTS WITH A MINIMUM AREA OF 800 SF.
5. EXTERIOR MATERIALS INCLUDE BRICK, STONE VINYL SIDING, AND HARDIE BOARD MATERIAL. THE FRONT FACADE IS LIMITED TO BRICK, STONE, AND HARDIE BOARD ONLY. VINYL SIDING SHALL BE ALLOWED ONLY ON THE SIDES AND REAR OF HOMES.
6. MINIMUM HOUSE SIZE SHALL BE 1,600 SF (RANCH), 2,000 SF (2-STORY), AND 800 SF (TOWNHOMES).
7. STREET TREES SHALL BE PROVIDED AT A RATE OF 3 PER 100 FT WITH A CALIBER OF 1½ INCHES MEASURED 6 INCHES ABOVE GRADE. STREET TREES SHOULD BE A VARIETY OF SPECIES.
8. EACH HOME SHALL HAVE AT LEAST 2 FRONT YARD TREES, SUITABLE FOR HEALTHY GROWTH IN OUR CLIMATE. EACH TREE SHALL HAVE MINIMUM CALIBER OF 1½ INCHES MEASURED 6 INCHES ABOVE GRADE.
9. ALL DETACHED SINGLE FAMILY DRIVEWAYS SHALL BE PAVED WITH CONCRETE OR ASPHALT FROM THE ROAD TO THE GARAGE. EACH DRIVEWAY SHALL BE ABLE TO ACCOMMODATE AT LEAST FOUR (4) VEHICLES.
10. ALL DETACHED SINGLE FAMILY HOUSES SHALL HAVE A STANDARD TWO CAR ATTACHED GARAGE (MINIMUM 10'). HOUSES BUILT ON SLAB FOUNDATIONS SHALL HAVE A MINIMUM FOUR COURSES OF BRICK, OF STANDARD SIZE, EXTENDING UP THE FACE OF THE SLAB
11. ALL TOWNHOME DRIVEWAYS SHALL BE PAVED WITH CONCRETE OR ASPHALT FROM THE ROAD TO THE GARAGE. EACH DRIVEWAY SHALL DRIVEWAY SHALL BE ABLE TO ACCOMMODATE AT LEAST TWO (2) VEHICLES.
12. ALL TOWNHOMES SHALL HAVE A STANDARD ONE CAR ATTACHED GARAGE (MINIMUM 10').
13. THE FRONT WALL OF ALL HOUSES SHALL NOT RUN UNBROKEN (UNARTICULATED) FOR A DISTANCE OF MORE THAN 24 LINEAR FEET. ALL WALL OFFSETS SHALL BE A MINIMUM OF ONE FOOT (1) IN DEPTH
14. THE MAJORITY OF ALL ROOF AREAS ON ANY HOUSE SHALL HAVE A MINIMUM OF 6/12 PITCH ROOF.
15. ALL EXPOSED CHIMNEYS SHALL BE STUCCO OR BRICK VENEERED CONSISTENT WITH THE ARCHITECTURE.
16. FRONT LAWNS OF ALL SINGLE FAMILY HOMES SHALL BE SODDED PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY
17. ALL FRONT LOAD GARAGES SHALL HAVE CARRIAGE STYLE DOORS OR HARDWARE THAT MIMICS CARRIAGE STYLE DOORS.
18. SIGN REGULATIONS FOR THIS PROPERTY SHALL ADHERE TO THE RESIDENTIAL SIGN REQUIREMENTS.
19. ALL LANDSCAPING SHALL BE KEPT IN A THRIVING CONDITION.
20. ALL ELEVATIONS, PACKETS, OR OTHER SUPPLEMENTAL MATERIAL SUBMITTED TO STAFF, PLANNING BOARD, AND/OR CITY COUNCIL IN REFERENCE AND SUPPORT OF ANY CONDITIONAL DISTRICT SHALL BE REGARDED AS AN INTEGRAL ELEMENT OF THE APPROVED SITE PLAN. MINOR DEVIATIONS FROM SUBMITTED MATERIAL SHALL BE ALLOWED AT THE DISCRETION OF THE PLANNING COORDINATOR OR HIS DESIGNEE.
21. TREES WITHIN THE DEVELOPMENT THAT ARE 75" OR GREATER IN CIRCUMFERENCE MUST BE PRESERVED AND SHALL NOT BE REMOVED
22. TREES WITHIN THE DEVELOPMENT THAT ARE 25" OR GREATER IN CIRCUMFERENCE MAY ONLY BE REMOVED IF THEY ARE LOCATED WITHIN AN APPROVED STREET CROSS SECTION, BUILDING PAD, DRIVEWAY AREA, STORMWATER MANAGEMENT FEATURE, OR STORM OR UTILITY EASEMENT.

ACTIVE ADULT:

1. DEVELOPER MAY ELECT TO MAKE ANY PORTION OF THE SINGLE FAMILY DETACHED AREA (TRACT #1) ACTIVE ADULT AND/OR AGE TARGETED HOUSING, SUBJECT TO SPECIFIED ARCHITECTURAL STANDARDS FOR THE COMMUNITY FOR SUCH HOUSING.
2. IF SUCH CHANGE IS ELECTED BY THE DEVELOPER, DEVELOPER SHALL NOTIFY IN WRITING TO THE PLANNING DIRECTOR OF ITS INTENT AND PROVIDE A MAP OUTLINING THE SPECIFIC AREA AND NUMBER OF LOTS TO BE AFFECTED.
3. THE MINIMUM LOT SIZE WILL NOT BE AFFECTED, BUT THE MINIMUM HOUSE SIZE MAYBE REDUCED TO 1,300 SF (RANCH STYLE HOMES).
4. UNLESS OTHERWISE STATED IN THIS SECTION, ALL OTHER STANDARDS OUTLINED FOR "TOWNHOMES/DETACHED SINGLE FAMILY" WILL APPLY.



NOTES:

1. 4" OF CONCRETE MAY ALSO BE USED IN LIEU OF 6" ABC AND 2" SURFACE COURSE.

GREENWAY/WALKING TRAIL

DATE	ISSUED FOR	REV

NORTH CAROLINA 811 — North Carolina One-Call Center

811 Know what's below. Call before you dig.

Engineer:

R. Joe Harris & Associates, Inc.

Engineering • Land Surveying • Planning Management

327 Ben Casey Drive, Suite 101, Fort Mill, S.C. 29708 P: (803) 802-1799

www.rjoeharris.com

This drawing shall not be used for construction purposes until the seal and signature of the responsible registrant appears on the drawing, and proper permit forms and related fees are transmitted by the Owner, Owner's Agent or Contractor to the Authority having jurisdiction.

Corporate Seal: NORTH CAROLINA PROFESSIONAL ENGINEERING & SURVEYING, INC. SEAL C-4168 R. JOE HARRIS & ASSOCIATES, INC.

Engineer's Seal: NORTH CAROLINA REGISTERED PROFESSIONAL ENGINEER SEAL 036836 PATRICK L. MURPHY

Project Manager: P. Murphy	Drawn: I. Bailey
Department Manager: P. Murphy	Checked: P. Murphy
Print/Plot Date: December 14, 2017	

Client:

MT LAND
141 PROVIDENCE RD
CHARLOTTE, NC 28207
P: (704) 200-4237

Project:

Secrest Commons

Drawing Title:

Site Details

Project No.: 2516	Drawing No.: CP-2
DWG File Name: 2516_Prem-Layout(12-12-2017)	

SINGLE FAMILY

ACTIVE ADULT

TOWNHOMES

ARCHITECTURAL STANDARDS FOR COMMUNITY:

TOWNHOMES/DETACHED SINGLE FAMILY:

-FRONT FACADE SHALL CONSIST OF BRICK, STONE AND/OR HARDIE BOARD MATERIALS.
-UPGRADED VINYL SIDING SHALL BE ALLOWED ON SIDES AND REAR OF HOMES.
-VINYL ACCENTS AND VINYL DOORS SHALL BE PERMITTED.
-GARAGES SHALL NOT EXTEND MORE THAN 5' PAST THE FRONT FACADE.
-PORCHES, STOOPS OR OTHER VARIATONS TO BE PROVIDED THROUGHOUT COMMUNITY.

ACTIVE ADULT/AGE TARGETED HOMES:

-FRONT FACADE SHALL CONSIST OF BRICK, STONE AND/OR HARDIE BOARD MATERIALS.
-UPGRADED VINYL SIDING SHALL BE ALLOWED ON SIDES AND REAR OF HOMES.
-VINYL ACCENTS AND VINYL DOORS SHALL BE PERMITTED.
-GARAGES SHALL NOT EXTEND MORE THAN 20' PAST THE FRONT FACADE.
-PORCHES, STOOPS OR OTHER VARIATONS TO BE PROVIDED THROUGHOUT COMMUNITY.

-NOTE

ILLUSTRATIVE DETAILS SHOWN TO REPRESENT STYLES OF HOUSING PROPOSED, SUBJECT TO SPECIFIC ARCHITECTURAL STANDARDS NOTED BELOW AND ON SHEET CP-1 (ARCHITECTURAL STANDARDS FOR COMMUNITY).
ACTUAL HOUSING STYLES MAY VARY.

DATE	ISSUED FOR	REV

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FOR INFORMATION ONLY

Project Manager: P. Murphy	Drawn: I. Bailey
Department Manager: P. Murphy	Checked: P. Murphy
Print/Plot Date: December 14, 2017	

Client:

MT LAND
141 PROVIDENCE ROAD
CHARLOTTE, NC 28207
P: (704) 200-4237

Project:

Secrest Commons

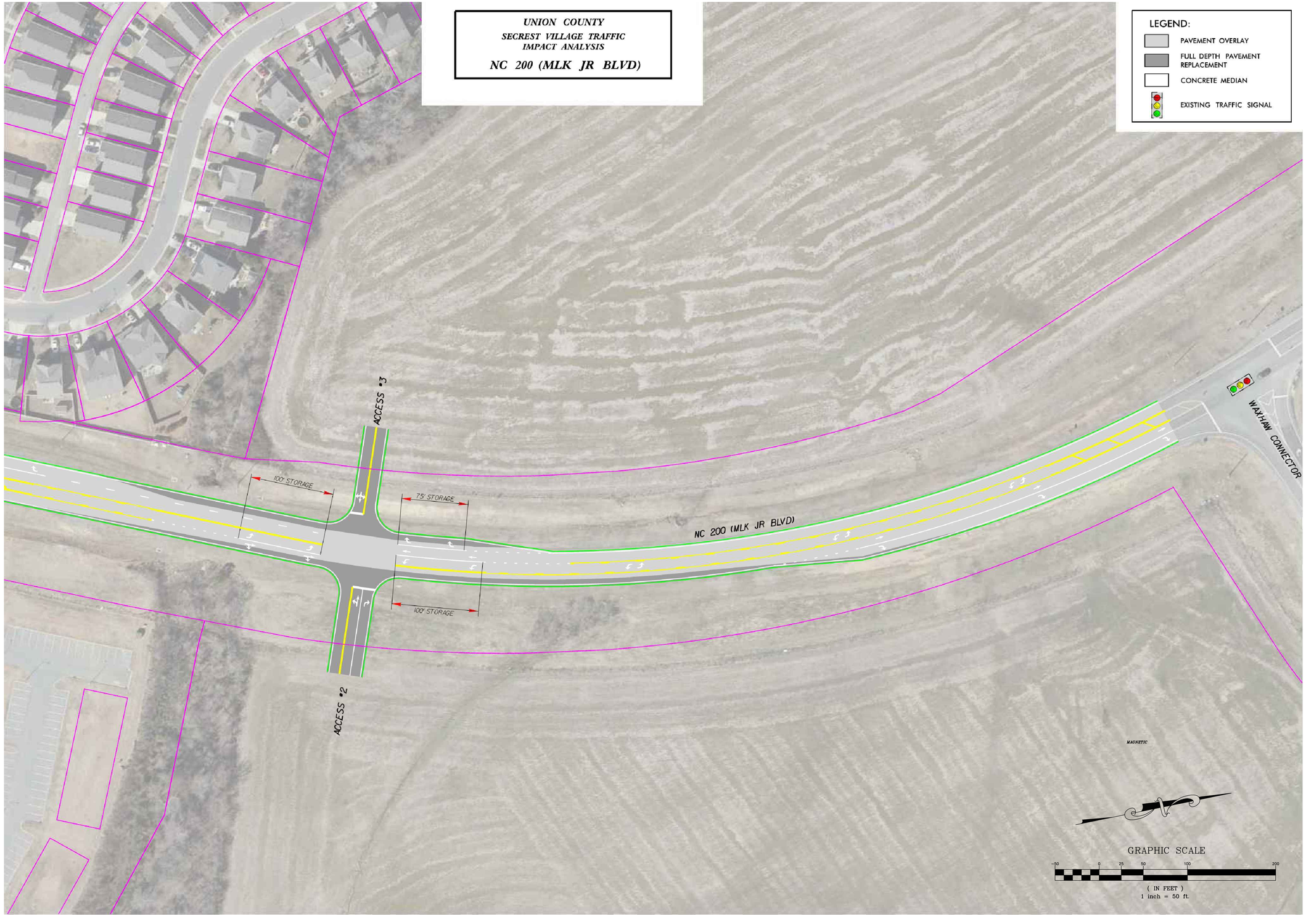
Drawing Title:

Illustrative Details

Project No.: 2516	Drawing No.: CP-3
DWG File Name: 2516_Prem-Layout(12-12-2017)	

UNION COUNTY
SECREST VILLAGE TRAFFIC IMPACT ANALYSIS
NC 200 (MLK JR BLVD)

LEGEND:
- PAVEMENT OVERLAY
- FULL DEPTH PAVEMENT REPLACEMENT
- CONCRETE MEDIAN
- EXISTING TRAFFIC SIGNAL



GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

DATE	ISSUED FOR	REV

Engineer:

R. Joe Harris & Associates, Inc.
Engineering • Land Surveying • Planning Management
327 Bein Casey Drive, Suite 101, Fort Mill, S.C. 29708 P: (803) 802-1799
www.rjoeharris.com

This drawing shall not be used for construction purposes until the seal and signature of the responsible registrant appears on the drawing, and proper permit forms and related fees are transmitted by the Owner, Owner's Agent or Contractor to the Authority having jurisdiction.

FOR INFORMATION ONLY

Project Manager: P. Murphy	Drawn: I. Bailey
Department Manager: P. Murphy	Checked: P. Murphy
Print/Plot Date: December 14, 2017	

Client:
MT LAND
141 PROVIDENCE ROAD
CHARLOTTE, NC 28207
P: (704) 200-4237

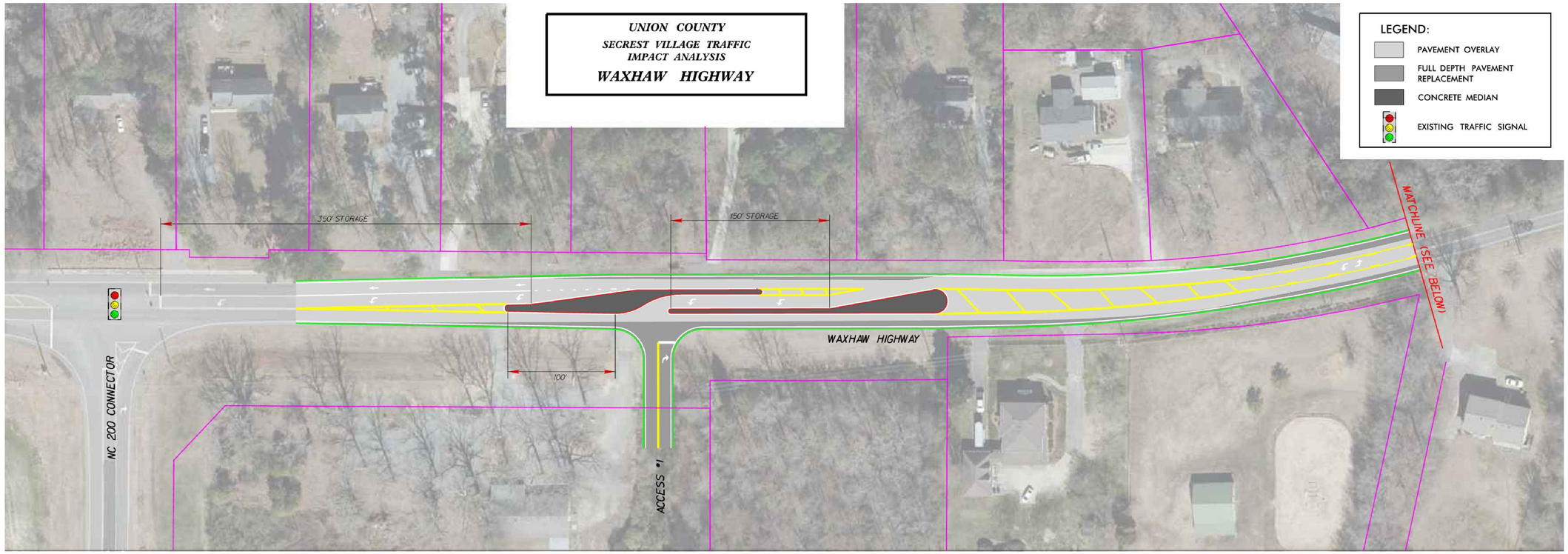
Project:
Secrest Commons

Drawing Title:
M.L. King Jr. Boulevard Turning Lane Details

Project No.	Drawing No.
2516	CP-4
DWG File Name: 2516_Prem-Layout(12-12-2017)	

UNION COUNTY
SECREST VILLAGE TRAFFIC IMPACT ANALYSIS
WAXHAW HIGHWAY

LEGEND:
- PAVEMENT OVERLAY
- FULL DEPTH PAVEMENT REPLACEMENT
- CONCRETE MEDIAN
- EXISTING TRAFFIC SIGNAL



DATE	ISSUED FOR	REV

NORTH CAROLINA 811 — North Carolina One-Call Center
811 Know what's below. Call before you dig.

Engineer:

RJH

R. Joe Harris & Associates, Inc.

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FOR INFORMATION ONLY

Project Manager	Drawn
P. Murphy	I. Bailey
Department Manager	Checked
P. Murphy	P. Murphy

Print/Plot Date: December 14, 2017

Client:

MT LAND
141 PROVIDENCE ROAD
CHARLOTTE, NC 28207
P: (704) 200-4237

Project:

Secrest Commons

Drawing Title:

Waxhaw Highway Turning Lane Details

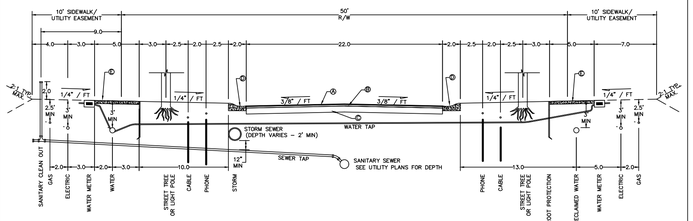
Project No.	Drawing No.
2516	CP-5

DWG File Name: 2516_Prem-Layout(12-12-2017)

PAVEMENT SCHEDULE*
A 1 in. BIT. CONC., SURFACE COURSE, TYPE SF 9.5A
B 2.5 in. BIT. CONC. BINDER COURSE, TYPE I 19.0B
C 4 in. BIT. CONC. BASE COURSE, TYPE B 25.0B OR 8 in. COMPACTED AGGREGATE BASE COURSE
D 2 ft. 0 in. VALLEY & GUTTER
E 4 in. CONCRETE SIDEWALK, 5 ft. WIDTH

*PAVEMENT STRUCTURE FOR RESIDENTIAL STREETS WITH LESS THAN 4,000 VEHICLES PER DAY.

NOTES
1. UTILITY LOCATIONS SHOWN (OTHER THAN PHONE & CABLE) ARE FOR UTILITIES OWNED AND OPERATED BY THE CITY OF MONROE 2. DEPTHS SHOWN ARE MINIMUM DEPTHS OF BURY 3. STREET LIGHTS WILL BE ON ONE SIDE OF ROAD DEPENDING ON SUBDIVISION LAYOUT



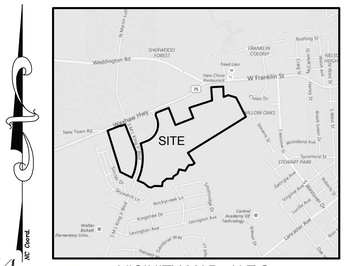
LEGEND

PLANT SYMBOL	COMMON NAME
	JAPANESE ZELKOVA *

NOTES: *OTHER SPECIES MAY BE USED WITH APPROVAL FROM CITY OF MONROE
* TREES WILL BE PLACE 20 FT OFF CENTER
* THREE (3) STREET TREES EVERY 100 LINEAR FEET

GENERAL NOTES:

1. STREET TREES SHOWN ONLY
2. LOCATION OF TREES MAY VARY, BUT MINIMUM NUMBER OF TREES AND SIZE SPECIFIED MUST BE INSTALLED BY BUILDER PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
3. TREES WITHIN SIGHT TRIANGLES TO BE SINGLE STEM AND LIMBED FROM GROUND TO SIX FEET.



VICINITY MAP - N.T.S.

PAVEMENT SCHEDULE*
A 2" BIT. CONC., SURFACE COURSE, TYPE SF 9.5
B 2.5" BIT. CONC. BINDER COURSE, TYPE I 19.0B
C 10" COMPACTED AGGREGATE BASE COURSE
D 2'-0" VALLEY & GUTTER
E 4"CONCRETE SIDEWALKS, 5' WIDTH

*PAVEMENT SCHEDULE FOR RESIDENTIAL STREETS WITH LESS THAN 4,000 VEHICLES PER DAY.

NOTES
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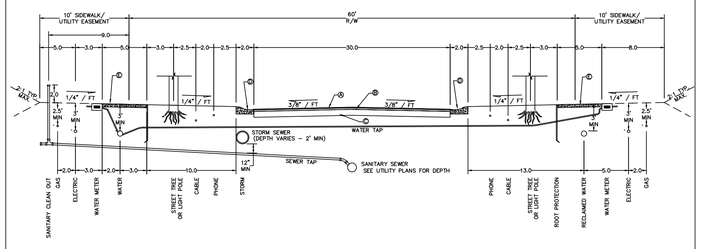

GRAPHIC SCALE

-200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

REVISIONS		
NO.	DATE	DESCRIPTION
1	05/2004	REVISED TO 19.0 B BIN. TYP.PT. PAVEMENT SCHEDULE "B"

RESIDENTIAL STREET WITH STREET TREES FOR 50' R/W (1 of 2)

CITY OF MONROE — UNION COUNTY — NORTH CAROLINA
PREPARED BY: ENGINEERING DEPARTMENT

FILE: I:/Maps-Details/Detail Manual/Details
DRAWN BY: JAM | DATE: 08-07-01
CHECKED BY: JNL | SCALE: N.T.S.
DETAIL 02.01.03A

RESIDENTIAL COLLECTOR STREET WITH STREET TREES FOR 60' R/W (1 of 2)

CITY OF MONROE — UNION COUNTY — NORTH CAROLINA
PREPARED BY: ENGINEERING DEPARTMENT

FILE: I:/Maps-Details/Detail Manual/Details
DRAWN BY: CIO | DATE: 4-20-04
CHECKED BY: JNL | SCALE: N.T.S.
DETAIL 02.01.04A

DATE	ISSUED FOR	REV

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Corporate Seal: NORTH CAROLINA PROFESSIONAL ENGINEERING & SURVEYING INC. SEAL C-4168 R. JOE HARRIS & ASSOCIATES, INC.

Engineer's Seal: NORTH CAROLINA REGISTERED PROFESSIONAL ENGINEER SEAL 036836 PATRICK L. MURPHY

Project Manager	Drawn
P. Murphy	I. Bailey
Department Manager	Checked
P. Murphy	P. Murphy

Print/Plot Date: December 14, 2017

Client:

MT LAND
141 PROVIDENCE ROAD
CHARLOTTE, NC 28207
P: (704) 200-4237

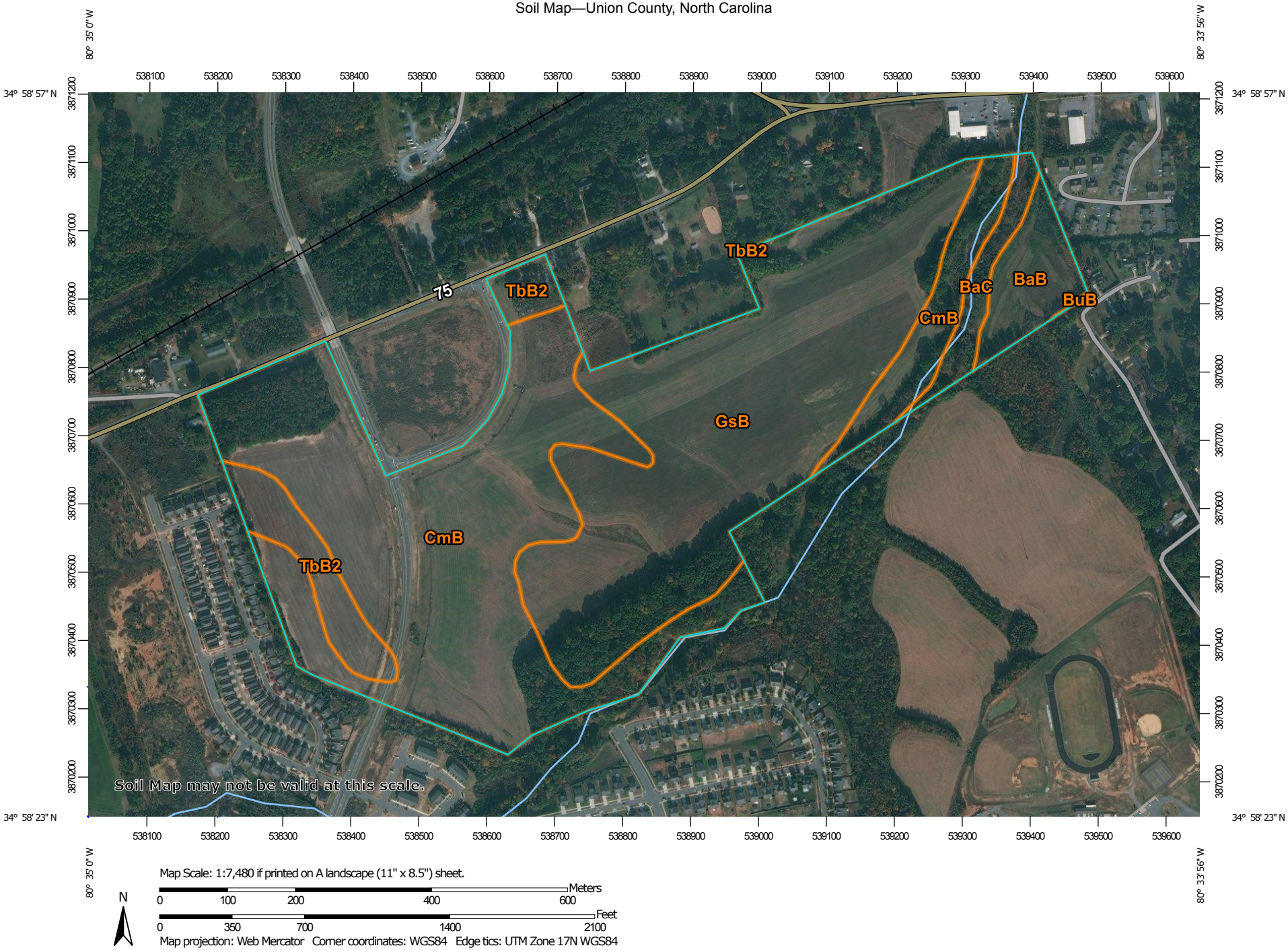
Project:

Secrest Commons

Drawing Title:

Street Tree Plan

Project No.	Drawing No.
2516	CP-6
DWG File Name: 2516_Prem-Layout(12-12-2017)	



Map Scale: 1:7,480 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 100 200 400 600

Feet
0 350 700 1400 2100

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: Union County, North Carolina
Survey Area Data: Version 17, Oct 3, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 14, 2015—Feb 8, 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
BaB	Badin channery silt loam, 2 to 8 percent slopes	5.4	4.3%
BaC	Badin channery silt loam, 8 to 15 percent slopes	3.3	2.7%
BuB	Badin-Urban land complex, 2 to 8 percent slopes	0.0	0.0%
CmB	Cid channery silt loam, 1 to 5 percent slopes	58.6	46.7%
GsB	Goldston-Badin complex, 2 to 8 percent slopes	51.0	40.7%
TbB2	Tarrus gravelly silty clay loam, 2 to 8 percent slopes, moderately eroded	7.1	5.7%
Totals for Area of Interest		**125.5**	**100.0%**