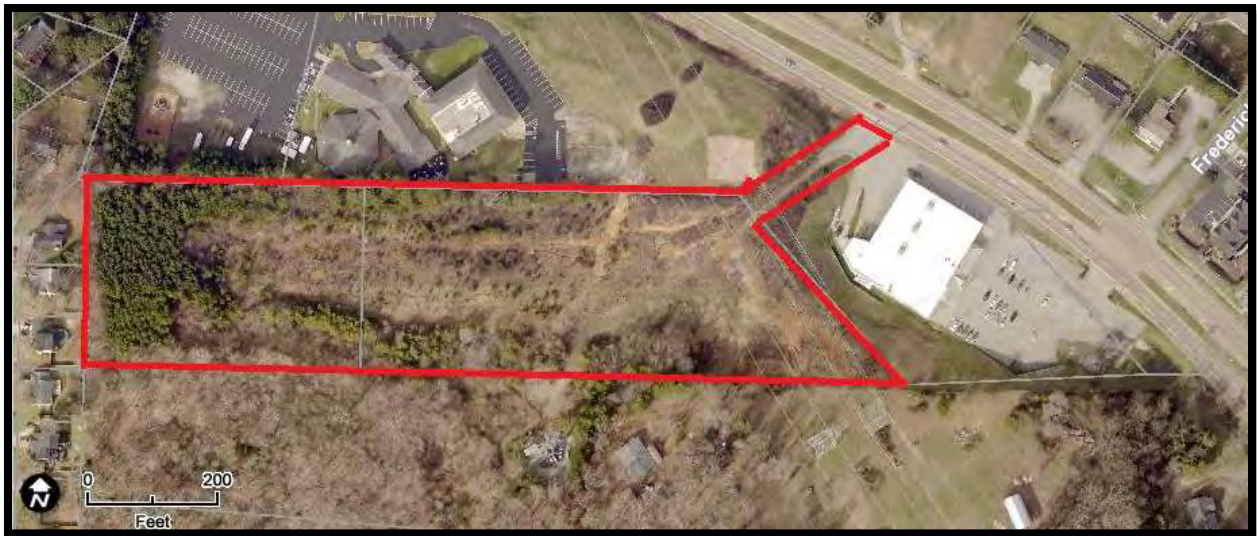


**Professional Consulting & Development, LLC**

P.O. BOX 52131 • KNOXVILLE, TN • 37950-2131

Phone 865.333.4693 • www.pcdtn.com

REPORT OF PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA)  
SITE ON MIDDLEBROOK PIKE  
KNOXVILLE, TENNESSEE



Prepared For:  
JRG Development, LLC

August 4, 2021  
PC&D PROJECT NUMBER PP-021-018A



JRG Development, LLC  
c/o Mr. Rick Gentry  
12248 Patagonia Way  
Knoxville, TN 37922  
865.805.9730  
rickgentry24@gmail.com

August 4, 2021

Report of Phase I Environmental Site Assessment (ESA)  
Site on Middlebrook Pike  
Knoxville, Tennessee  
PC&D Project PP-021-018A

Dear Mr. Gentry:

We are pleased to provide you with this report of our Phase I Environmental Site Assessment (ESA) for the subject site. This report is intended for the use of JRG Development, LLC (JRG) and is subject to the terms and conditions agreed upon between Professional Consulting & Development, LLC (PC&D) and JRG. The contents should not be relied upon by any other party without the written consent of PC&D. This report presents project information, our assessment procedures, our findings, opinions, and conclusions. Use of this report for purposes beyond those reasonably intended by JRG will be at the sole risk of the user and PC&D disclaims liability for any use or reliance by third parties.

We appreciate the opportunity to assist on this project. If you have any additional needs, comments and/or questions, please contact us at your convenience.

Sincerely,  
Professional Consulting and Development, LLC

A blue ink signature of Eduardo J. Padron, Principal Scientist, is written over a circular stamp.

Eduardo J. Padron  
Principal Scientist

A black ink signature of Troy A. Davis, E.P., Environmental Professional.

Troy A. Davis, E.P.  
Environmental Professional

TABLE OF CONTENTS

	<u>Page</u>
EXECUTIVE SUMMARY .....	V
1.0 INTRODUCTION .....	1
1.1 BACKGROUND .....	1
1.2 PROCEDURES .....	1
1.3 QUALIFICATIONS.....	2
2.0 SITE SETTING .....	4
2.1 GENERAL DESCRIPTION.....	4
2.2 HYDROGEOLOGY .....	4
3.0 SITE DESCRIPTION.....	7
3.1 CURRENT SITE USE .....	7
3.2 SURROUNDING LAND USE .....	9
4.0 REGULATORY INFORMATION .....	11
4.1 EPA NATIONAL PRIORITIES LIST (NPL) .....	11
4.2 EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION & LIABILITY INFORMATION SYSTEM (CERCLIS) List – STATE- AND TRIBAL- EQUIVALENT CERCLIS .....	11
4.3 RESOURCE CONSERVATION & RECOVERY INFORMATION SYSTEM (RCRIS).....	11
4.4 EPA CORRECTIVE ACTIONS (CORRACTS) LIST .....	11
4.5 EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) LIST .....	12
4.6 VOLUNTARY CLEANUP AND BROWNFIELD SITES/STATE REMEDIATION SITES .....	12
4.7 STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE (SWL) LISTS.....	12
4.8 STATE AND TRIBAL LEAKING UNDERGROUND STORAGE TANKS (LUST) .....	12
4.9 STATE AND TRIBAL REGISTERED UNDERGROUND STORAGE TANK (RUST) LIST .....	13
4.10 EPA FEDERAL ENGINEERING & INSTITUTIONAL CONTROLS .....	13
4.11 STATE REGISTERED FACILITIES LIST FOR DRYCLEANERS .....	13
4.12 EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION & LIABILITY INFORMATION SYSTEM (CERCLIS) NO FURTHER REMEDIAL ACTION PLANNED (NFRAP) LIST	13
4.13 SUPERFUND ENTERPRISE MANAGEMENT SYSTEM (SEMS) .....	14
5.0 PAST SITE USE/CHAIN-OF-TITLE .....	15
5.1 ENVIROSITE AND GOOGLE HISTORICAL AERIALS .....	15
5.2 USGS TOPOGRAPHIC MAPS .....	16
5.3 SANBORN FIRE INSURANCE MAPS.....	16
5.4 CITY DIRECTORIES.....	17
6.0 FINDINGS.....	18
6.1 ON-SITE CONCERNS .....	18
6.3 VAPOR MIGRATION/INTRUSION.....	18
6.4 LIMITATIONS/DATA GAPS.....	18
7.0 CONCLUSIONS.....	19
8.0 DECLARATION OF QUALIFICATIONS FOR ENVIRONMENTAL PROFESSIONALS .....	20
APPENDIX A: FIGURES	
APPENDIX B: PHOTOGRAPHS	
APPENDIX C: HISTORICAL AERIALS, USGS TOPOGRAPHICAL MAPS, CITY DIRECTORIES REPORT AND FIRE INSURANCE MAPS REPORT	

APPENDIX D: ENVIROSITE RADIUS REPORT  
APPENDIX E: TRANSACTION SCREEN AND USER QUESTIONNAIRES

## EXECUTIVE SUMMARY

ASSET NAME: Site on Middlebrook Pike  
LOCATION: Knoxville, Tennessee

Professional Consulting & Development, LLC has performed a Phase I Environmental Assessment for the asset at the location listed above. Mr. Rick Gentry requested and authorized this assessment for a potential financial/real estate transaction.

The subject site consists of three parcels of property (Knox County TN Parcel ID Numbers 105-057, 105-058 and 105-05801) with an unassigned primary address, but generally located on the west and south of the 9200 block of Middlebrook Pike of in Knoxville, Tennessee. Currently, the subject site is vacant undeveloped land, wooded and grassed, formerly used as farmland and soil borrow area. The subject site was not listed in the regulatory lists reviewed.

Up until the 2000s, the site had primarily been used for farming or undeveloped. In the early 2000s the site was used as a soil borrow area and to support the expansion of Middlebrook Pike into a four lane, divided highway. Since that time, the site was regraded and left to revegetate. There does not appear to have been commercial business occupying portions of the site that are typically associated with environmentally sensitive chemicals/products.

There was no current evidence of widespread contamination of the site detected by observation during our site visit.

Additionally, no information was disclosed or discovered during the timeframe of this assessment which would indicate a previous release(s) has occurred which would have adversely impacted the subject site.

We have performed a Phase I Environmental Site Assessment in general accordance with the scope and limitations of ASTM Practice E 1527-13 for a site located on Middlebrook Pike in Knoxville, Tennessee (the subject site). Any exceptions to, deletions from, deviations or limitations from this practice are described in Section 6.4 of this report. This assessment did not reveal evidence of recognized environmental conditions (RECs) relative to the subject site. ASTM defines a REC as the presence or likely presence of any hazardous substances or petroleum products in,

on, or at a 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.

Conditions determined to be de minimis conditions are not recognized environmental conditions or controlled recognized environmental conditions. ASTM defines de minimis conditions as conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

This executive summary is provided for convenience and should not be used in lieu of the complete report.

## 1.0 INTRODUCTION

Mr. Rick Gentry of JRG requested Professional Consulting & Development, LLC (PC&D) to conduct a Phase I Environmental Site Assessment (ESA) for a subject site located on Middlebrook Pike in Knoxville, Tennessee (see Figure 1 in Appendix A). The purpose of our services was to perform a general characterization of potential and/or recognized environmental concerns (RECs) based on readily available information and on observations at the subject site and surrounding properties.

### 1.1 BACKGROUND

We understand that JRG requires this ESA as part of a potential real estate/financial transaction.

### 1.2 PROCEDURES

This ESA was performed in general accordance with applicable procedures specified in the American Society for Testing and Materials (ASTM) Designation: E 1527-13, Standard Practice for Environmental Site Assessments. The following services were provided for this assessment:

- Qualified PC&D consultants performed a visual site evaluation. Our consultants looked for obvious surface indications of past or present waste handling or storage activities, or use of hazardous materials, which may have posed a threat to the environment.
- PC&D researched selected information from lists published by both Federal and State regulatory agencies. Our research included the sources listed below, plus others. A complete list of sources researched is listed in the Attached Envirosearch report.

Regulatory Lists	Search Distance (Miles from subject site)
Federal NPL	1.0
Federal CERCLIS List	1.0
Federal CORRACTS List	1.0
Federal RCRA TSD Facilities	0.5
Federal CERCLIS No Further Remedial Action Planned (NFRAP) List	0.5
Federal RCRA Generators List	Site and Adjoining Properties

Federal ERNS List	Site only
EPA Federal Engineering & Institutional Controls	1.0
State Remediation Sites (SRS) List	1.0
State Landfill and/or Solid Waste Disposal Lists	0.5
State Registered UST List	Site and Adjoining Properties
<b>Leaking UST's (State Files)</b>	0.5
Drycleaners (State Files)	0.25

- PC&D performed a reconnaissance of the surrounding area to identify the locations of listed facilities. In addition, we also looked at adjacent properties that may have the potential to adversely impact the subject site.
- PC&D reviewed through available records the history of the subject site. This included interviewing knowledgeable persons in an effort to understand the subject **site's past and** present land use practices. We have attempted to identify the subject **site's use since** 1940.
- PC&D researched various aerial photographs, topographic and geologic maps to assist in developing an interpretive model of the local hydrogeology and drainage patterns to determine past and present land use of the surrounding area.

We have compiled this report which provides descriptions of our assessment activities and procedures and presents our findings and conclusions.

### 1.3 QUALIFICATIONS

The findings presented and the opinions expressed herein are relative to the dates of our subject site work and should not be relied on to represent conditions at substantially later dates. Our opinions are based on information obtained during the study and on our experience. If additional information becomes available that might change our opinions, we request the opportunity to review the information, reassess the potential concerns, and modify our opinions, if warranted. If this assessment has included a review of documents prepared by others it must be recognized that PC&D cannot assure the accuracy of information contained therein.



The purpose of this assessment was to attempt to identify the potential for environmental impacts to the subject property; however, potential sources of contamination may have escaped detection due to the limited scope of the assessment, the inaccuracy of public records, and the presence of undetected or unreported environmental incidents. It was not the purpose of this study to determine the actual presence or the degree or extent of contamination, if any, at the subject site.

## 2.0 SITE SETTING

### 2.1 GENERAL DESCRIPTION

The subject site consists of three parcels of property (Knox County TN Parcel ID Numbers 105-057, 105-058 and 105-05801) with an unassigned primary address, but generally located on the west and south of the 9200 block of Middlebrook Pike of in Knoxville, Tennessee. Currently, the subject site is vacant undeveloped land, wooded and grassed, formerly used as farmland and as soil borrow area. The area surrounding the subject site consists generally of educational, commercial, religious, and residential properties.

### 2.2 HYDROGEOLOGY

Considerations of surface and subsurface drainage and geology are of interest since they may provide an indication of the direction(s) that contamination, if present either on or near the subject site, could be transported. We reviewed the following information with regard to the hydrogeology of the subject site and surrounding area:

- USGS Topographic Maps of the Bearden, TN Quadrangle dated 1935, 1940, 1953, 1966, 1978, and 2019.
- Tennessee Division of Geology, Bulletin 58, Part II, Geology of East Tennessee, dated 1953.
- Tennessee Division of Geology, Plate 1 Bulletin 70, Generalized Geologic Map of Knox County, Tennessee dated 1973.

The purpose of this review was to evaluate the sensitivity of the hydrogeologic setting to potential contamination to sources on or near the site. It was not the purpose of this study to evaluate issues such as the geotechnical conditions of the site, assessment of engineering geology concerns, foundation conditions, faulting, or subsidence.

#### 2.2.1 Geologic/Soil Setting

The site is in the Valley and Ridge Physiographic Province of East Tennessee. This region extends in a wide belt from central Alabama through Georgia, Tennessee and northward into Pennsylvania. The rock formations of this region consist primarily of limestone, shale, and sandstone, which has been folded, faulted, and in some areas lightly metamorphosed. The

geologic formations range in age from Pennsylvanian to Cambrian and have been subjected to several periods of structural deformation.

According to the Geologic Map of East Tennessee (Tennessee Division of Geology, Bulletin 58, 1953), the subject site is underlain by the Knox Dolomite Group, undivided. This formation is generally thick-bedded siliceous dolomite with some limestone and minor sandstone layers. The formations, or members, of the Knox group are generally similar in lithology, differing mainly in color, bedding characteristics and chert (silica) content. The rocks of the Knox group are generally very competent and subject to **localized deformation mainly by "brittle fracture."** The Knox group generally weathers to form a relatively thick residuum of cherty, silty clay. The Knox strata are generally susceptible to solutional weathering, particularly along joints, fractures and bedding planes, and karst features are readily developed.

Ground water in this area occurs generally under unconfined (water table) conditions although confined (artesian) conditions may exist locally. Within the dolomite formations, the bedrock typically undergoes solutional weathering and ground water flows mainly within a complex system of interconnecting, solution-enlarged channels. Most ground water in this area originates as precipitation which infiltrates soil or bedrock and percolates downward until it reaches the zone of saturation. Sinkholes, if present, may enhance the local ground-water recharge system.

### 2.2.2 Surface Drainage

Based on a review of topographic maps and observations made during our site visit, the subject property is generally flat lying near the north portion and gently slopes towards the northeast for the remainder. As such, surface drainage appears to be multi-directional sheet flow generally staying within the boundaries of the site. Surface drainage for the area is directed into creeks and inlets on roads, and eventually empties into the Tennessee River/Fort Loudon Lake located south of the site. The site is in the Turkey watershed of Knox County.

The entire site is in FEMA flood zone X, an area of minimal flood hazard determined to be outside the 100- and 500-year floodplains.

### 2.2.3 Groundwater

Ground water in this area occurs generally under unconfined (water table) conditions although confined (artesian) conditions may exist locally. Within the dolomite formations, the bedrock typically undergoes solutional weathering and ground water flows mainly within a complex system of interconnecting, solution-enlarged channels. Most ground water in this area originates as precipitation which infiltrates soil or bedrock and percolates downward until it reaches the zone of saturation. Sinkholes, if present, may enhance the local ground-water recharge system.

However, the water table (i.e., the surface of the saturated zone) is frequently a subdued replica of the overlying ground surface and, based on this, it is our opinion the direction of ground water flow beneath the subject site is generally northeast to south. We interpret that the site may receive ground water flow from religious properties to the north.

### 3.0 SITE DESCRIPTION

We performed a site and vicinity reconnaissance, conducted interviews, and reviewed selected available historical information in order to evaluate the current and historical uses of the subject site and surrounding properties. The following sources are referenced:

- USGS Topographic Maps of the Bearden, TN Quadrangle dated 1935, 1940, 1953, 1966, 1978, and 2019.
- Tennessee Division of Geology, Bulletin 58, Part II, Geology of East Tennessee, dated 1953.
- Tennessee Division of Geology, Plate 1 Bulletin 70, Generalized Geologic Map of Knox County, Tennessee dated 1973.
- EnviroSite Historical Aerial Photo Report dated July 23, 2021
- Google Earth Imagery dated 1992, 1997, 2002, 2003, 2006, 2010, 2014, and 2019.
- EnviroSite Radius Report dated July 20, 2021.
- EnviroSite Fire Insurance Maps Report dated July 22, 2021
- EnviroSite City Directory Report dated July 23, 2021.
- Transaction Screen Questionnaire completed by a representative of Mrs. Karen Speegle, current property owner.

Mr. Eduardo Padron, of PC&D, conducted a site and area visit on July 22, 2021. The site and area reconnaissance were performed by both walking and driving tours.

#### 3.1 CURRENT SITE USE

The subject site consists of three parcels of property (Knox County TN Parcel ID Numbers 105-057, 105-058 and 105-05801) with an unassigned primary address, but generally located on the west and south of the 9200 block of Middlebrook Pike of in Knoxville, Tennessee. Currently, the subject site is vacant undeveloped land, wooded and grassed, formerly used as a farm and as a soil borrow area (see photographs 1-5). The area surrounding the subject site consists generally of educational, religious, commercial, and residential properties (see photographs 6-9).

##### 3.1.1 Storage Tanks

During our site visit, we did not observe any aboveground storage tanks (ASTs) or obvious underground storage tanks (USTs) on the subject site. Additionally, no pipes, manhole covers, or

other possible evidence of USTs were observed at the time of our visit. Mrs. Speegle indicated that she was not aware of USTs having been on the property.

### 3.1.2 Hazardous and Petroleum Products Containers/Drums

We observed no hazardous or petroleum drums on site at the time of our visit. Mrs. Speegle indicated that no hazardous or petroleum products have been located on the subject site to the best of her knowledge.

### 3.1.3 Heating and Cooling

There were no buildings on the site that required heating and cooling.

### 3.1.4 Solid Waste

Currently no waste is being generated on the subject site. Historical research shows usage of the property which would not generate wastes. However, it is evident that ready-mix concrete was disposed on the site. We believe this is a result of the use of the site to support the expansion of Middlebrook Pike in the early 2000s. Other solid waste observed consisted of discarded PVC pipe pieces on the main portion of the site, and other construction materials illegally dumped near the entrance to the site (see photographs 5 and 10-12).

### 3.1.5 Sewage Disposal/Septic Tanks/Waste Waters

The site and vicinity are served by a municipal sewage disposal system operated by the Knoxville Utilities Board, and we did not discover any septic tanks on the site at the time of our visit. We did not observe any indications of wastewaters being discharged onto the subject site.

### 3.1.6 Electrical Transformers

Electrical transformers are a potential source of environmental concern due to the potential presence of polychlorinated biphenyls (PCB) in dielectric fluids used in some units. We observed several utility poles traversing the property, but no pole-mounted transformers were located on the poles.

### 3.1.7 Water Supply and Wells

The site and vicinity are served by a municipal water system operated by the Knoxville Utilities Board. We did not observe any obvious wells on the subject site at the time of our visit.

### 3.1.8 Hydraulic Equipment

During our visit we did not observe any permanent hydraulic equipment on the subject site.

### 3.1.9 Drains and Sumps

We did not observe any sumps on the site at the time of our visit.

### 3.1.10 Pits, Ponds, Lagoons and Surface Waters

During our visit, we did not observe any pits, ponds, lagoons, or surface waters.

### 3.1.11 Stressed Vegetation/Stained Soils or Pavement

We did not observe any obviously stressed vegetation, stained soils, or stained pavement at the time of our visit.

### 3.1.12 Odors

During our site visit, we did not detect any noxious or unusual odors on the subject site.

## 3.2 SURROUNDING LAND USE

Nearby property use could potentially impact the surface and subsurface conditions of a site. Developing a history of past to present uses and occupancies can provide an indication of the likelihood of environmental concern. Figure 2 is a Surrounding Land Use Map.

### 3.2.1 North

The subject site is bordered to the north by the West Towne **Christian Church and the River's Edge Christian Academy West Campus** (see Photograph 9). Further north is Middlebrook Pike, a four-lane divided highway, and further north are residential and professional services businesses in single tenant buildings. Historically, properties north of the site were residential or vacant property until the construction of the church listed above in 1973-1974 (dates obtained from the **church's** web site). A Knoxville city directory dated 1978 indicated the presence of the church.

### 3.2.2 East

The subject site is bordered to the east by a Dollar General Market (see photograph 6). Further east is Middlebrook Pike, and further east are commercial properties within a shopping plaza. Historically, properties east of the site were primarily vacant or residential properties.

### 3.2.3 South

The subject site is bordered to the south by a wooded tract of land that contains 2-3 single family homes and farming buildings (see photograph 7). Further south is a vacant tract of land and the Tate School of Knoxville. Historically, properties south of the site were primarily farmland and residential and educational.

### 3.2.4 West

The subject site is bordered to the west by a Hunting Ridge subdivision, a residential development (see photograph 8). Historically, properties west of the site were primarily residential or undeveloped property.



## 4.0 REGULATORY INFORMATION

We conducted a review of regulatory information compiled by Envirosearch of readily available resources from local, state, and federal entities. A copy of the Envirosearch report is attached as Appendix D.

### 4.1 EPA NATIONAL PRIORITIES LIST (NPL)

The Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) **established the National Priorities List (NPL) of federal "Superfund" sites. These are contaminated sites that have been prioritized by the EPA with regard to their potential for public health effects.**

- The subject site did not appear on the NPL.
- Envirosearch identified no facilities on the NPL within a one-mile radius of the subject site.

### 4.2 EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION & LIABILITY INFORMATION SYSTEM (CERCLIS) List – STATE- AND TRIBAL-EQUIVALENT CERCLIS

The CERCLIS List identifies documented and suspected contamination sites throughout the nation that were not ranked high enough to be listed on the NPL.

- The subject site did not appear on CERCLIS list.
- Envirosearch identified one facility on the CERCLIS list within a 1-mile radius of the subject site:
  - Dairy Mart #447, 9053 Middlebrook Pike, 0.741 miles East of the site.  
**Based on this facility's** interpreted lower gradient location with respect to surface and groundwater flow direction, and relative distance from the subject site it is unlikely a release from this facility would have an adverse impact to the subject site.

### 4.3 RESOURCE CONSERVATION & RECOVERY INFORMATION SYSTEM (RCRIS)

RCRIS is the EPA database of facilities that generate, transport, store, or dispose of hazardous wastes. Generators are found on the Small and Large Quantity Generator (GEN) lists. Treatment, Storage and Disposal facilities are on the TSD list.

- The subject site did not appear on the RCRIS GEN or TSD lists.
- Envirosearch identified no facilities on the RCRIS TSD list within a ½-mile radius of the subject site.

### 4.4 EPA CORRECTIVE ACTIONS (CORRACTS) LIST

The CORRACTS list identifies TSD facilities that are subject to corrective action under RCRA.

- The subject site did not appear on the CORRACTS list.
- Envirosearch identified no facilities on the CORRACTS list within a ½-mile radius of the subject site.

#### 4.5 EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) LIST

The ERNS List is a list of hazardous material spills reported to various State agencies.

- The subject site did not appear on the ERNS list.
- Envirosearch identified no facilities on the ERNS list within a ½-mile radius of the subject site.

#### 4.6 VOLUNTARY CLEANUP AND BROWNFIELD SITES/STATE REMEDIATION SITES

This list of Voluntary Cleanup Oversight and Assistance Program (VOAP) sites/State Remediation Sites (SRS), which also includes Brownfield sites, is provided by the Department of Environment and Conservation. The VOAP offers people the opportunity to work proactively with state government to address necessary cleanup of a property to return it to productive use. In return for their efforts, participants can receive a No Further Action letter and a release of liability for areas where investigation and cleanup are conducted.

The State Remediation Program (SRP) was established in 1994 within the Tennessee Division of Solid Waste Management for the purpose of providing owners and prospective purchasers the means to voluntarily investigate, clean up or monitor contaminated sites not regulated under RCRA, CERCLA or Tennessee Division of Underground **Storage Tanks ("DUST")**.

- The subject site did not appear on the VOAP/SRS list.
- Envirosearch identified no facilities on the VOAP/SRS lists within a ½-mile radius of the subject site.

#### 4.7 STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE (SWL) LISTS

This list includes all permitted solid waste landfills. The landfill listing does not include unpermitted landfills or dumps.

- The subject site did not appear on the landfill list.
- Envirosearch identified no facilities on the SWL list within a 1/2-mile radius of the subject site.

#### 4.8 STATE AND TRIBAL LEAKING UNDERGROUND STORAGE TANKS (LUST)

The Leaking Underground Storage Tank list is compiled by Envirosearch from state files, which have identified registered underground storage tank (UST) sites that have received state assistance for leaking USTs. This list also includes historical leaking UST sites.

- The subject site was not included on the LUST list.
- Envirosearch identified one (1) facility within 1/2-mile from the subject site:
  - **Weigel's #30, 1000 Cedar Bluff Road, 0.301 Miles SE of the subject site.**

**Based on this facility's** interpreted lower gradient location with respect to surface and groundwater flow direction, and relative distance from the subject site it is unlikely a release from this facility would have an adverse impact to the subject site.

#### 4.9 STATE AND TRIBAL REGISTERED UNDERGROUND STORAGE TANK (RUST) LIST

The Registered Underground Storage Tank list (RUST) is a compilation of UST systems that are registered with the State.

- The subject site was not included on the RUST list.
- Envirosearch identified no facilities on the RUST list within a 1/4-mile radius of the subject site.

#### 4.10 EPA FEDERAL ENGINEERING & INSTITUTIONAL CONTROLS

Superfund sites that have either an engineering or institutional control imposed on them. The data includes the control and the media contaminated.

- Envirosearch reported no engineering or institutional controls issued for the subject site.
- Envirosearch identified no facilities within a 1/2-mile radius of the subject site with engineering or institutional controls issued.

#### 4.11 STATE REGISTERED FACILITIES LIST FOR DRYCLEANERS

The Registered Facilities List for Drycleaners is a compilation of permanent and temporary drycleaner facilities that may also include inactive facilities that are registered with the State.

- The subject site did not appear on the Registered Facilities List for Drycleaners.
- Envirosearch identified no properties on the Drycleaners list within a 1/4-mile radius of the subject site.

#### 4.12 EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION & LIABILITY INFORMATION SYSTEM (CERCLIS) NO FURTHER REMEDIAL ACTION PLANNED (NFRAP) LIST

The CERCLIS NFRAP List identifies sites **that to the EPA's knowledge, assessment at a site has** been completed and that EPA has determined no further steps will be taken to list this site on the NPL.

- The subject site did not appear on CERCLIS NFRAP list.
- Envirosearch identified one (1) facility on the CERCLIS-NFRAP list within a 1/2-mile radius of the subject site:
  - IT Enviroscience, Directors Drive, 0.482 miles SSE of the site.  
**Based on this facility's** interpreted lower gradient location with respect to surface and groundwater flow direction, and relative distance from the subject site it is unlikely a release from this facility would have an adverse impact to the subject site.

#### 4.13 SUPERFUND ENTERPRISE MANAGEMENT SYSTEM (SEMS)

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs.

- The subject site did not appear on SEMS list.
- Envirosearch identified one (1) facility on the SEMS list within a ½-mile radius of the subject site:
  - IT Enviroscience, Directors Drive, 0.482 miles SSE of the site.  
Based on **this facility's interpreted lower gradient location with respect to surface** and groundwater flow direction, and relative distance from the subject site it is unlikely a release from this facility would have an adverse impact to the subject site. This facility has a status of NFRAP.

## 5.0 PAST SITE USE/CHAIN-OF-TITLE

In addition to Mrs. Speegle questionnaire, we reviewed historical aerial photographs, USGS topographic maps, Sanborn Fire Insurance Maps (SFIM), and selected Knoxville city directories in **an effort to determine the site's past use (see Appendix C)**. Our research indicate that the site was undeveloped and or used for farming **from the mid 1900's until today. The site is not listed in** in any Knoxville City directory and the surrounding properties listed, either residential, commercial, educational, or religious do not suggest that surrounding land uses might have negatively impacted the subject site. Aerial photographs indicated that the site have been cleared and allow to revegetate over the years. The site was used to support the expansion of Middlebrook Pike **in the early 2000's. This is evident in Google's Earth Pro imagery** dated 2003.

Below are summary tables of our findings.

5.1 ENVIROSITE AND GOOGLE HISTORICAL AERIALS	
Date	Site Description
1956	Site appears partially cleared or being farmed.
1972	Site appears partially cleared or being farmed.
1975	Site appears revegetated.
1981	Site appears partially cleared or being farmed.
1982	Site appears partially cleared or being farmed.
1985	Site appears partially cleared or being farmed. A soil borrow area can be seen on the west end of the tract.
1992	Site appears partially revegetated.
1997	Site appears mostly covered by vegetation.
2002	Site appears revegetated.
2006	Site is fully cleared.
2008	Site is fully cleared.
2010, 2012, 2014, 2016 and 2018	Site has been left to revegetate and vegetation advances over the site over the years.

1992 – Google Earth Pro	Site appears partially revegetated.
1997 – Google Earth Pro	Site appears mostly covered by vegetation
2002 – Google Earth Pro	Site appears fully vegetated
2003 – Google Earth Pro	Site has been fully cleared and graded. Some vehicles and temporary structures can be observed along the North boundary of the parcel.
2006 – Google Earth Pro	Site is fully cleared and vacant.
2010, 2014 and 2019 – Google Earth Pro	Site has been left to revegetate and vegetation advances over the site over the years.
<b>5.2 USGS TOPOGRAPHIC MAPS</b>	
Date	Site Description
1935	No structures indicated.
1940	No structures indicated.
1953	No structures indicated.
1966	No structures indicated.
1978	No structures indicated.
2019	No structures indicated.
<b>5.3 SANBORN FIRE INSURANCE MAPS</b>	
Date	Site Description
	No Maps available for the location

5.4 CITY DIRECTORIES	
Date and Source	Listings
	No Listing for the site.

Mrs. Speegle was asked in the Transaction Screen Questionnaire if she was aware of, (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products on or from the subject property, (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in or on or from the subject property, or (3) any notices from any governmental entity regarding possible violations of environmental laws or possible liability relating to hazardous substances or petroleum products. She answered "no" to these questions. We were not provided a chain-of-title for the site; therefore, a review of chain-of-title was not performed.

## 6.0 FINDINGS

Based on the findings of our Phase I Environmental Assessment of the subject site, we offer the following comments relative to potential environmental concerns.

### 6.1 ON-SITE CONCERNS

Based on our assessment, we did not identify on-site environmental concerns.

### 6.2 OFF-SITE CONCERNS

Based on our assessment, we identified no off-site concerns near the subject site.

### 6.3 VAPOR MIGRATION/INTRUSION

Based on our assessment, no obvious sources were identified that would suggest vapor migration or vapor intrusion issues exist on the subject site.

### 6.4 LIMITATIONS/DATA GAPS

All reasonably ascertainable information for the subject site was reviewed to establish its historical use. City directories reviewed did not reveal businesses in the surroundings that might have negatively impacted the site. Most of the site was heavily vegetated, making it impossible to observe the entire ground surface for indications of past use of products or activities that could have negatively impacted the site. Based on the available information collected and reviewed, it is our opinion this limitation will not likely change or modify our conclusions.



## 7.0 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in general accordance with the scope and limitations of ASTM Practice E 1527-13 for a site located on Middlebrook Pike in Knoxville, Tennessee (the subject site). Any exceptions to, deletions from, deviations or limitations from this practice are described in *Section 6.4* of this report.

This assessment has not revealed evidence of currently recognized environmental conditions (RECs) relative to the subject site. ASTM defines a REC as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a 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. Conditions determined to be de minimis conditions are not recognized environmental conditions or controlled recognized environmental conditions. ASTM defines De minimis conditions as conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

No specific RECs were identified from current activities on the subject site.

## 8.0 DECLARATION OF QUALIFICATIONS FOR ENVIRONMENTAL PROFESSIONALS

The preparer of this report hereby declares that to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR § 312 and have the specific qualifications based on education, training, experience to assess a property of the nature, history and setting of the subject property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Mr. Eduardo J. Padron is an Environmental Professional with over 30 years of relevant experience.



---

Eduardo J. Padron, Principal Scientist

APPENDIX A  
FIGURES

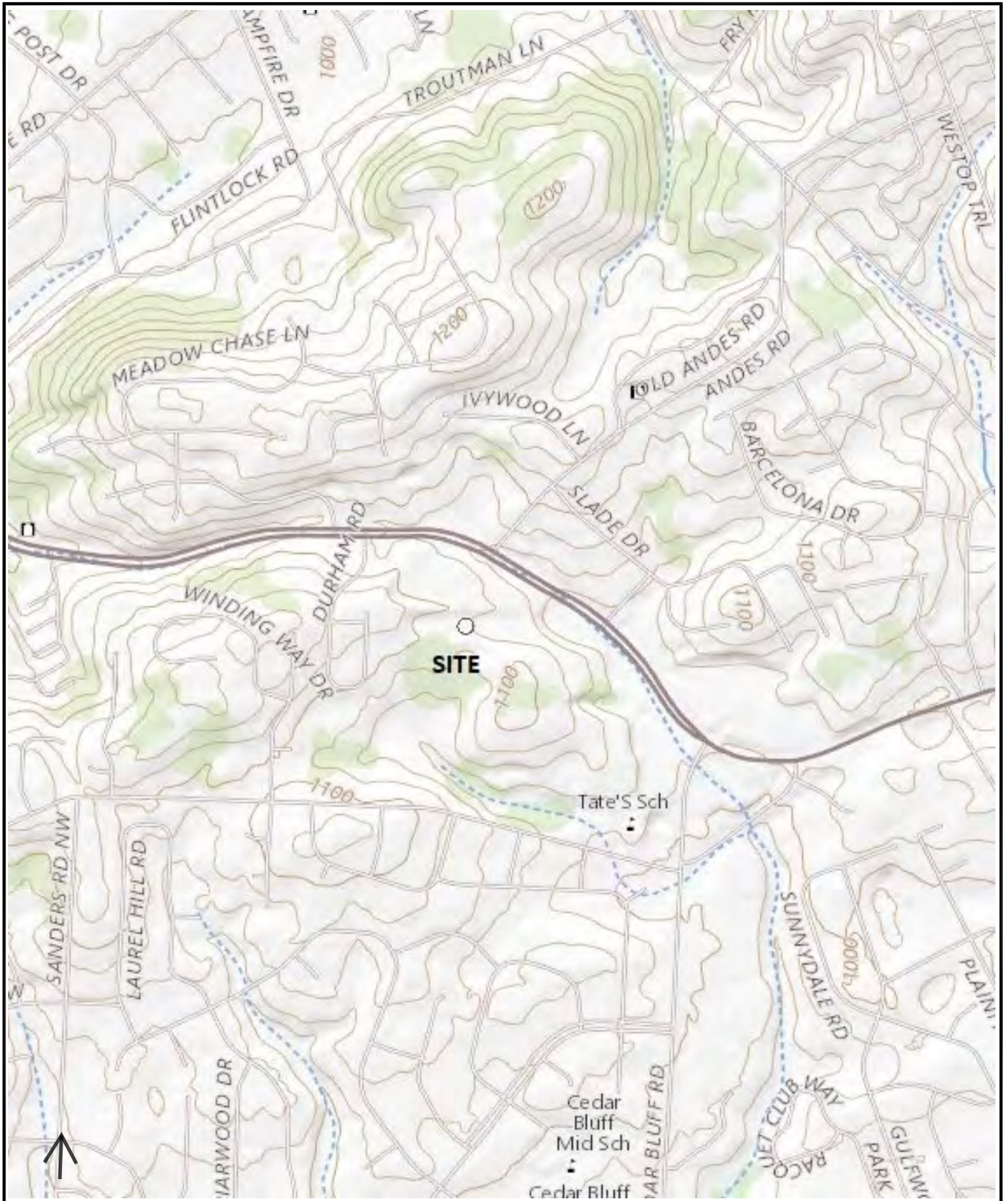


FIGURE 1: SITE LOCATION MAP  
 REPORT OF PHASE I ENVIRONMENTAL SITE ASSESSMENT  
 SITE AT MIDDLEBROOK PIKE  
 KNOXVILLE, TENNESSEE

PROJECT NUMBER: PP-021-018A	DATE: JULY, 2021
--------------------------------	---------------------

SCALE  
 NOT TO SCALE





APPENDIX B  
PHOTOGRAPHS





Photograph #1: View of access road, facing south.



Photograph #2: View of NW portion of site from near the middle of the North boundary.



Photograph #3: Southeast view of site from near the access road on the North boundary of the site.





Photograph #4: View of southern boundary of the site from near the middle of the North boundary.



Photograph #5 View of the center of the site. Note concrete debris partially covered with vegetation.



Photograph #6: View of business east of the site.



Photograph #7: North view of property South of the site.





Photograph #8: East view of residential property West of the site.



Photograph #9: South view of property North of the site.





Photograph #10: View of PVC pipe debris partially buried on the site.



Photograph #11: View of concrete debris found on the site.





Photograph #12: View of asphalt remnants found on the site.

APPENDIX C

HISTORICAL AERIALS  
USGS TOPOGRAPHICAL MAPS  
CITY DIRECTORIES REPORT  
FIRE INSURANCE MAPS REPORTS



# Historical Aerial Photo Report |2021

Order Number: 58181

Report Generated: 07/23/2021

Project Name: Site on Middlebrook Pike

Project Number: PP-021-018A

Site on Middlebrook Pike

Middlebrook Pike

Knoxville, TN, 37931

---

2 Corporate Dr

Suite 450

Shelton, CT 06484 Toll

Free: 866-211-2028

[www.envirositecorp.com](http://www.envirositecorp.com)

Envirosite's Historical Aerial Photo Report is designed to assist in evaluating a subject property resulting from past activities. EnviroSite's Historical Aerial Photo Report includes a search of available historical aerial photographs, dating back to the 1930s, or earliest available photographs.

## **ENVIROSITE SEARCHED SOURCES**

### **SUBJECT PROPERTY:**

Site on Middlebrook Pike  
Middlebrook Pike  
Knoxville, TN, 37931

### **YEAR:**

1956  
1972  
1975  
1981  
1982  
1985  
1992  
1997  
2002  
2006  
2008  
2010  
2012  
2014  
2016  
2018

### **SCALE:**

1" = 1,000'  
1" = 1,000'  
1" = 1,000'  
1" = 1,000'  
1" = 1,000'  
1" = 1,000'  
1" = 500'  
1" = 500'  
1" = 500'  
1" = 500'  
1" = 500'  
1" = 500'  
1" = 500'  
1" = 500'  
1" = 500'  
1" = 500'  
1" = 500'

### **SOURCE:**

U.S.G.S  
U.S.G.S  
U.S.G.S  
NHAP  
NHAP  
NHAP  
DOQ  
DOQ  
U.S.G.S  
NAIP  
NAIP  
NAIP  
NAIP  
NAIP  
NAIP  
NAIP  
NAIP

### **Disclaimer - Copyright and Trademark Notice**

All information contained in this report are based on data available from various public, government and other sources and are based upon the best data available from those sources. The information available in this report may be available from other sources and is not exclusive or the exclusive property of EnviroSite Corporation.

NO WARRANTY EXPRESSED OR IMPLIED, IS MADE IN CONNECTION WITH THIS REPORT, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALL RISK IS ASSUMED BY USER AND EnviroSite assumes no liability for faulty or inaccurate information. The Reports may utilize a variety of public and other sources reasonably available to EnviroSite. EnviroSite cannot, and does not assure, warrant, guarantee or assume any liability for the correctness, comprehensiveness, timeliness or completeness of any of such information, nor is the information in any Report to be construed as legal advice with respect to environmental risks associated with any property. EnviroSite shall not be liable to anyone for any claims, causes of action, suits, damages, losses, costs and expenses (including, without limitation, attorneys' fees and costs) arising out of or caused by this report regardless of the acts, errors or omissions, or negligence of EnviroSite. Any damages shall be limited to the purchase price of the report.

Purchaser of the report accepts the report "As Is". The report is intended only to provide information only and should not be considered as providing any legal advice, prediction, forecast, or fact as to the environmental risk for any specific property. Reports are proprietary to EnviroSite, and contain copyrighted material and trademarks of EnviroSite. All other trademarks used herein are the property of their respective owners. All rights of EnviroSite as to the Reports are reserved.



**FLIGHT YEAR:**

1956



**Scale:** 1" = 1,000'



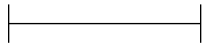


**FLIGHT YEAR:**

1972

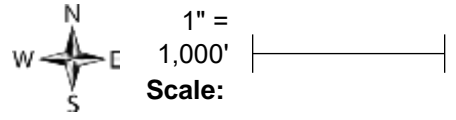


1" =  
1,000'  
Scale:



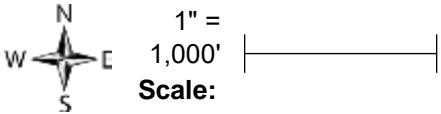


**FLIGHT YEAR:**  
1975



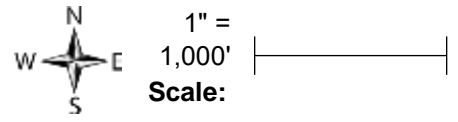


**FLIGHT YEAR:**  
1981



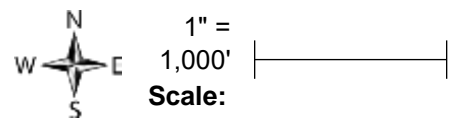


**FLIGHT YEAR:**  
1982





**FLIGHT YEAR:**  
1985

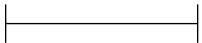




**FLIGHT YEAR:**  
1992



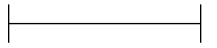
1" =  
500'  
**Scale:**



**FLIGHT YEAR:**  
1997



1" =  
500'  
Scale:

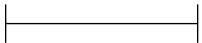




**FLIGHT YEAR:**  
2002



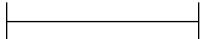
1" =  
500'  
Scale:





**FLIGHT YEAR:**  
2006



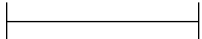
1" =  
500'  
Scale: 





**FLIGHT YEAR:**  
2008



1" =  
500'  
Scale: 

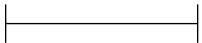




**FLIGHT YEAR:**  
2010



1" =  
500'  
Scale:

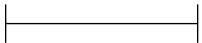




**FLIGHT YEAR:**  
2012



1" =  
500'  
Scale:

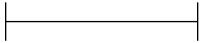




**FLIGHT YEAR:**  
2014



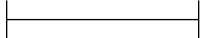
1" =  
500'  
Scale:





**FLIGHT YEAR:**  
2016



1" =  
500'  
Scale: 

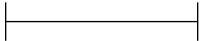




**FLIGHT YEAR:**  
2018



1" =  
500'  
Scale:





Historical Aerials

Google Earth Pro

● Site Location

North is to top of Picture



1992



1997



2002





2003



2006





2010



2014





2019



**ENVIROSITE**  
Corporation

# City Directory Report | 2021

Order Number: 58181

Report Generated: 07/23/2021

Site on Middlebrook Pike

Middlebrook Pike

Knoxville, TN 37931

---

2 Corporate Drive Suite 450  
Shelton, CT 06484

Prepared for Envirosite Corporation By:



Property Archives

Toll Free: 866-211-2028  
[www.envirositecorp.com](http://www.envirositecorp.com)



# City Directory Report

Envirosite's City Directory report is a screening tool designed to assist in evaluating a subject property and possible adjacent properties resulting from past activities. It includes a search and abstract of available city directories and cross reference directories at five year intervals or the closest available intervals. Public map sources are reviewed to determine possible adjoining properties to the front, back, left and right of the property.

## **RESEARCH SUMMARY:**

The following research sources were consulted in the preparation of this report:

<b><u>SOURCE:</u></b>	<b><u>YEAR:</u></b>
Property Archives	2018, 2015, 2010, 2006, 2001, 1998
Knoxville City Directory	1993, 1983, 1978, 1974, 1969, 1966, 1943, 1938, 1935, 1930, 1925, 1920, 1915, 1910, 1905, 1902

Property Archives is a proprietary and comprehensive database of over one billion commercial and residential records, business names and occupant records for every city and town in the United States. This database is owned by Property Archives, LLC.

This report was prepared by Property Archives, LLC for Envirosite Corporation



**Property Archives**

## **SUBJECT PROPERTY:**

Middlebrook Pike, Knoxville, TN 37931

## **ADJOINING PROPERTIES:**

9214-9300 Middlebrook Pike, Knoxville, TN

### *Disclaimer - Copyright and Trademark Notice*

*All information contained in this report is based on data available from various public, government and other sources and are based upon the best data available from those sources. The information available in this report may be available from other sources and is not exclusive or the exclusive property of Property Archives, LLC*

*NO WARRANTY EXPRESSED OR IMPLIED, IS MADE IN CONNECTION WITH THIS REPORT, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALL RISK IS ASSUMED BY USER AND Property Archives, LLC assumes no liability for faulty or inaccurate information. The Reports may utilize a variety of public and other sources reasonably available to Property Archives. Property Archives cannot, and does not assure, warrant, guarantee or assume any liability for the correctness, comprehensiveness, timeliness or completeness of any of such information, nor is the information in any Report to be construed as legal advice with respect to environmental risks associated with any property. Property Archives shall not be liable to anyone for any claims, causes of action, suits, damages, losses, costs and expenses (including, without limitation, attorneys' fees and costs) arising out of or caused by this report regardless of the acts, errors or omissions, or negligence of Property Archives. Any damages shall be limited to the purchase price of the report.*

*Purchaser of the report accepts the report "As Is". The report is intended only to provide information only and should not be considered as providing any legal advice, prediction, forecast, or fact as to the environmental risk for any specific property. Reports are proprietary to Property Archives, and contain copyrighted material and trademarks of Property Archives. All other trademarks used herein are the property of their respective owners. All rights of Property Archives, LLC as to the Reports are reserved.*

**2018 9214-9300 Middlebrook Pike, Knoxville, TN**

EDWARD JONES	9215 MIDDLEBROOK PIKE	500
MICHAEL C RHODES LLC	9215 MIDDLEBROOK PIKE	400
FUGATT, CYNTHIA F PHD	9215 MIDDLEBROOK PIKE	550
EDWARD JONES	9215 MIDDLEBROOK PIKE	500
FUGATT, CINDY MD	9215 MIDDLEBROOK PIKE	550
MICHAEL C RHODES LLC	9215 MIDDLEBROOK PIKE	400
FORWARD PHYSICAL THERAPY	9215 MIDDLEBROOK PIKE	400
O'DELL REAL ESTATE	9215 MIDDLEBROOK PIKE	550
WEICHERT REALTORS	9215 MIDDLEBROOK PIKE	600
CLARKE, JODI	9219 MIDDLEBROOK PIKE	200B
WALTER INVESTMENT MGMT CORP	9219 MIDDLEBROOK PIKE	
GAMA NETWORK SOLUTIONS LLC	9219 MIDDLEBROOK PIKE	300
BAILEY INSURANCE SVC	9219 MIDDLEBROOK PIKE	100
DQ SERVICES	9219 MIDDLEBROOK PIKE	300
BAILEY INSURANCE SVC	9219 MIDDLEBROOK PIKE	100
CEDAR BLUFF DENTAL CTR	9221 MIDDLEBROOK PIKE	201
MC CORMICK, DONNA S MD	9221 MIDDLEBROOK PIKE	102
LICE SALON	9221 MIDDLEBROOK PIKE	203
CEDAR BLUFF CENTAL CTR P C	9221 MIDDLEBROOK PIKE	
MCCORMICK, DONNA S MD	9221 MIDDLEBROOK PIKE	102
COMMONWEALTH FINANCIAL	9221 MIDDLEBROOK PIKE	101
MCCORMICK, DONNA S MD	9221 MIDDLEBROOK PIKE	102
CEDAR BLUFF DENTAL CTR	9221 MIDDLEBROOK PIKE	201
QUICK CARE CLINIC FAMILY	9221 MIDDLEBROOK PIKE	102
DOLLAR GENERAL MARKET	9224 MIDDLEBROOK PIKE	
MIDDLEBROOK ANIMAL CLINIC	9229 MIDDLEBROOK PIKE	
CEDAR BLUFF FLORAL CO	9229 MIDDLEBROOK PIKE	
MIKE CHANNELL MANAGEMENT CO	9231 MIDDLEBROOK PIKE	
FOCUSED WITHIN PRENATAL	9237 MIDDLEBROOK PIKE	C
WELLHOUSE KNOX	9237 MIDDLEBROOK PIKE	
FULGHUM MAC INDOE ASSOC	9237 MIDDLEBROOK PIKE	
RHAMA	9237 MIDDLEBROOK PIKE	
BEYOND PHYSICAL THERAPY	9257 MIDDLEBROOK PIKE	
CAPITAL BANK	9261 MIDDLEBROOK PIKE	101
INSIGHT EYECARE	9261 MIDDLEBROOK PIKE	201
INSIGHT EYECARE	9261 MIDDLEBROOK PIKE	201
RIVER'S EDGE CHRISTIAN ACADEMY	9300 MIDDLEBROOK PIKE	
BRYANT, SUMMER M	9300 MIDDLEBROOK PIKE	
TCTC	9300 MIDDLEBROOK PIKE	
WEST TOWNE CHRISTIAN CHURCH	9300 MIDDLEBROOK PIKE	
MOTHERS DAY OUT	9300 MIDDLEBROOK PIKE	
WEST TOWNE CHRISTIAN CHURCH	9300 MIDDLEBROOK PIKE	
RIVER'S EDGE CHRISTIAN ACADEMY	9300 MIDDLEBROOK PIKE	

**2015 9214-9300 Middlebrook Pike, Knoxville, TN**

MICHAEL C RHODES LLC	9215 MIDDLEBROOK PIKE	400
EDWARD JONES	9215 MIDDLEBROOK PIKE	500
FORWARD PHYSICAL THERAPY	9215 MIDDLEBROOK PIKE	

MICHAEL C RHODES LLC	9215 MIDDLEBROOK PIKE	400
FUGATT, CINDY	9215 MIDDLEBROOK PIKE	550
MONKEY GRASS LANDSCP & DESIGN	9215 MIDDLEBROOK PIKE	
O'DELL REAL ESTATE SVC	9215 MIDDLEBROOK PIKE	550
EDWARD JONES	9215 MIDDLEBROOK PIKE	500
MONKEY GRASS LANDSCP & DESIGN	9215 MIDDLEBROOK PIKE	
HEALTH SOURCE CHIROPRACTIC	9219 MIDDLEBROOK PIKE	300
BAILEY INSURANCE SVC	9219 MIDDLEBROOK PIKE	100
WALTER MORTGAGE CO	9219 MIDDLEBROOK PIKE	
CEDAR BLUFF DENTAL CTR	9221 MIDDLEBROOK PIKE	201
MC CORMICK, DONNA S MD	9221 MIDDLEBROOK PIKE	102
COMMONWEALTH FINANCIAL	9221 MIDDLEBROOK PIKE	101
NATIONS, PAUL B DDS	9221 MIDDLEBROOK PIKE	201
CIESLIK, ANDREW	9221 MIDDLEBROOK PIKE	
MCCORMICK, JOHN P	9221 MIDDLEBROOK PIKE	201
PAUL NATIONS	9221 MIDDLEBROOK PIKE	
REDBOX	9224 MIDDLEBROOK PIKE	
DOLLAR GENERAL MARKET	9224 MIDDLEBROOK PIKE	
MIDDLEBROOK ANIMAL CLINIC	9229 MIDDLEBROOK PIKE	
PAUL SZLUHA	9229 MIDDLEBROOK PIKE	
CEDAR BLUFF FLORAL CO	9229 MIDDLEBROOK PIKE	
MIKE CHANNELL MANAGEMENT CO	9231 MIDDLEBROOK PIKE	
RHAMA	9237 MIDDLEBROOK PIKE	
BEYOND PHYSICAL THERAPY	9257 MIDDLEBROOK PIKE	
GREEN BANK	9261 MIDDLEBROOK PIKE	
WEST TOWNE CHRISTIAN CHURCH	9300 MIDDLEBROOK PIKE	
MOTHERS DAY OUT	9300 MIDDLEBROOK PIKE	
RIVER'S EDGE CHRISTIAN ACADEMY	9300 MIDDLEBROOK PIKE	

**2010 9214-9300 Middlebrook Pike, Knoxville, TN**

FORWARD PHYSICAL THERAPY	9215 MIDDLEBROOK PIKE	
MONKEY GRASS LANDSCP & DESIGN	9215 MIDDLEBROOK PIKE	
O'DELL REAL ESTATE SVC	9215 MIDDLEBROOK PIKE	550
Scott Ewing	9215 Middlebrook Pike Ste	500
Michael Rhodes	9215 Middlebrook Pike Ste	400
Wis Intl	9219 Middlebrook Pike	
Mike Bailey	9219 Middlebrook Pike	A
Jason Smith	9219 Middlebrook Pike Ste	300
STEVEN ROARK	9219 MIDDLEBROOK PIKE	
Ann Hepp	9219 Middlebrook Pike	550
MIKE BAILEY	9219 MIDDLEBROOK PIKE	100
Barbara latmir	9219 middlebrook pike ste	300
Tomasz Grass	9221 Middlebrook Pike	101
EVA NATIONS	9221 MIDDLEBROOK PIKE	201
DONNA MC CORMICK	9221 MIDDLEBROOK PIKE	102
BRAD ROBERTS	9221 MIDDLEBROOK PIKE	101
Andrew Cieslik	9221 Middlebrook Pike Ste	101
Eva Nations	9221 Middlebrook Pike	
Paul Nations	9221 Middlebrook Pike Ste	201
Ben Kramer	9224 Middlebrook Pike	
SARAH SZLUHA	9229 MIDDLEBROOK PIKE	

Sarah Szluha	9229 Middlebrook Pike
Denise Wilbanks	9229 Middlebrook Pike
Epoch Projects Inc	9231 Middlebrook Pike
MIKE CHANNELL MANAGEMENT CO	9231 MIDDLEBROOK PIKE
RHAMA	9237 MIDDLEBROOK PIKE
Julie Criner	9237 Middlebrook Pike
John Carroll	9237 Middlebrook Pike
M FULGHUM	9237 MIDDLEBROOK PIKE
TOMASZ GRASS	9257 MIDDLEBROOK PIKE
JOEL CRIPPEN	9261 MIDDLEBROOK PIKE
R HURLEY	9261 MIDDLEBROOK PIKE
GEORGE CLARK	9300 MIDDLEBROOK PIKE
RHONDA COVERT	9300 MIDDLEBROOK PIKE
Maynard Nordmoe	9300 Middlebrook Pike
Rhonda Covert	9300 Middlebrook Pike
George Clark	9300 Middlebrook Pike
Records	9300 Middlebrook Pike

**2006 9214-9300 Middlebrook Pike, Knoxville, TN**

S Bogle	9214 Middlebrook Pike
Scott Ewing	9215 MIDDLEBROOK PIKE STE 500
Michael Rhodes	9215 MIDDLEBROOK PIKE STE 400
WIS INTL	9219 MIDDLEBROOK PIKE
Mike Bailey	9219 MIDDLEBROOK PIKE A
Jason Smith	9219 MIDDLEBROOK PIKE STE 300
Ann Hepp	9219 MIDDLEBROOK PIKE 550
Eva Nations	9221 MIDDLEBROOK PIKE STE 201
Faye Mrs Slade	9221 Middlebrook Pike
Paul Nations	9221 MIDDLEBROOK PIKE STE 201
Andrew Cieslik	9221 MIDDLEBROOK PIKE STE 101
George G Goosie	9224 Middlebrook Pike
Ben Kramer	9224 MIDDLEBROOK PIKE
Denise Wilbanks	9229 MIDDLEBROOK PIKE
Sarah Szluha	9229 MIDDLEBROOK PIKE
EPOCH PROJECTS INC	9231 MIDDLEBROOK PIKE
Tony Brun	9231 Middlebrook Pike
John Carroll	9237 MIDDLEBROOK PIKE
Jimmy Cook	9237 Middlebrook Pike
Julie Criner	9237 MIDDLEBROOK PIKE
Edward C Solley	9249 Middlebrook Pike
Gomer D Wampler	9251 Middlebrook Pike
Tomasz Grass	9257 MIDDLEBROOK PIKE
Jett B Trent	9261 Middlebrook Pike
George Clark	9300 MIDDLEBROOK PIKE
Rhonda Covert	9300 MIDDLEBROOK PIKE
Maynard Nordmoe	9300 MIDDLEBROOK PIKE

**2001 9214-9300 Middlebrook Pike, Knoxville, TN**

Middlebrook Chiropractic	9219 Middlebrook Pike
Moses Van Dyke & Assoc	9219 Middlebrook Pike
Bailey Insurance Svc	9219 Middlebrook Pike



Buyer's Agent of Knoxville Inc	9219 Middlebrook Pike
Jason DC Smith	9219 Middlebrook Pike
Faye Slade	9221 Middlebrook Pike
George G Goosie	9224 Middlebrook Pike
Flower me Fancy	9229 Middlebrook Pike
Barbara Stewart	9231 Middlebrook Pike
Jimmy Cook	9237 Middlebrook Pike
Edward C Solley	9249 Middlebrook Pike
Charlene Johnson	9251 Middlebrook Pike
Jett B Trent	9261 Middlebrook Pike
West Towne Christian Church	9300 Middlebrook Pike

**1998 9214-9300 Middlebrook Pike, Knoxville, TN**

S Bogle	9214 Middlebrook Pike
Faye Mrs Slade	9221 Middlebrook Pike
George G Goosie	9224 Middlebrook Pike
Tony Brun	9231 Middlebrook Pike
Jimmy Cook	9237 Middlebrook Pike
Edward C Solley	9249 Middlebrook Pike
Gomer D Wampler	9251 Middlebrook Pike
Jett B Trent	9261 Middlebrook Pike
West Towne Christian Church	9300 Middlebrook Pike

---

9214-9220\* Not Verified (2 Hses)  
9221 Slade Faye P Mrs IHH- ® 693 1829  
9224 Goosie Geo G & Joetta 693-9196  
9231 Brun Tony A 11 531 1488  
9237 Cook Jimmy H & Gwendolyn 1\*1+ © 693-0201  
9239 Godwin Mary Jo 91  
9249 Solley Edw C & Linda ® 693 5646  
9251 Wampler Gomer D & Helen ffi+ @ 693 1933  
9261 Trent Jett B & Patty ffi+ @ 693-2783  
9300 WEST TOWNE CHRISTIAN CHURCH 693 5031  
9320\*Bull Ron E & Meriam ® 693-0844  
9307# Pace Tom & Pau 693 9493  
9324 Waddell Diana Mrs LZJ 690 4482  
9324(1/2) Not Verified  
9325 Atwell John H & Judi L2 @ 690 0227  
. SS DURHAM RD ENDS

**IMAGE:** 1 of 1  
**SOURCE:** Knoxville City Directory  
**STREET:** 9214-9300 Middlebrook Pike, Knoxville, TN  
**YEAR:** 1993

---

ZIP CODE 37921

9208 Harris Norma P Mrs © 693-1974  
9209 Letsinger Evelyn S Mrs © 691-1227  
9210 Floyd Geo T © 690-3197  
9214 Crisp Clint H © 693-0600  
9220 Goosie Edna H Mrs © 693-2408  
9221 Slade Faye P Mrs © 693-1829  
9224 Goosie Geo G © 693-9196  
9231 No Return  
9237 Cook Jimmy H © 693-0201  
9251 Wampler Gomer D © 693-1933  
9261 Trent Jett B © 693-2783  
9300 West Towne Christian Church 693-5031  
9320 Hewitt Lois G Mrs © 693-1475  
9324 Cox Kenneth H © 693-1266  
9345 Wagner Charles D © 693-4430  
NS FREDERICK RD BEGINS

**IMAGE:** 1 of 1  
**SOURCE:** Knoxville City Directory  
**STREET:** 9214-9300 Middlebrook Pike, Knoxville, TN  
**YEAR:** 1983



## ns Chert Pit rd begins

9105 Eubanks C A ©	693-0519
9117* Floyd G T ©	
9124 Lance K N Mrs ©	693-0907
9125* Vacant	
9130* Ross R M	690-5428
9133 Wilkinson G M Mrs ©	693-0006
9134* Vacant	
9141 Eubanks G J ©	
" Eubanks H L ©	
9145 Grove Hill Bapt Church	693-1031
9147 Crichton J L Rev	693-1608
9200 Harris N P Mrs ©	693-1974
9204* Vacant	
9210* Vacant	
9213 Vacant	
9217 Floyd G T ©	
9220 Goosie E H Mrs ©	693-2408
9224 Goosie G G ©	693-9196
9231 Mathis R A ©	693-1213
9251 Wampler G D ©	693-1933
9261 Trent J B ©	693-2783
9300 West Towne Christian Church	693-5031

## ns Frederick rd begins

9420* Vacant	
9425 Vacant	
9704 Eggers W D ©	693-0093

## ss Old Cedar Bluff rd begins

## ss N Cedar Bluff rd ends

IMAGE:

1 of 1

SOURCE:

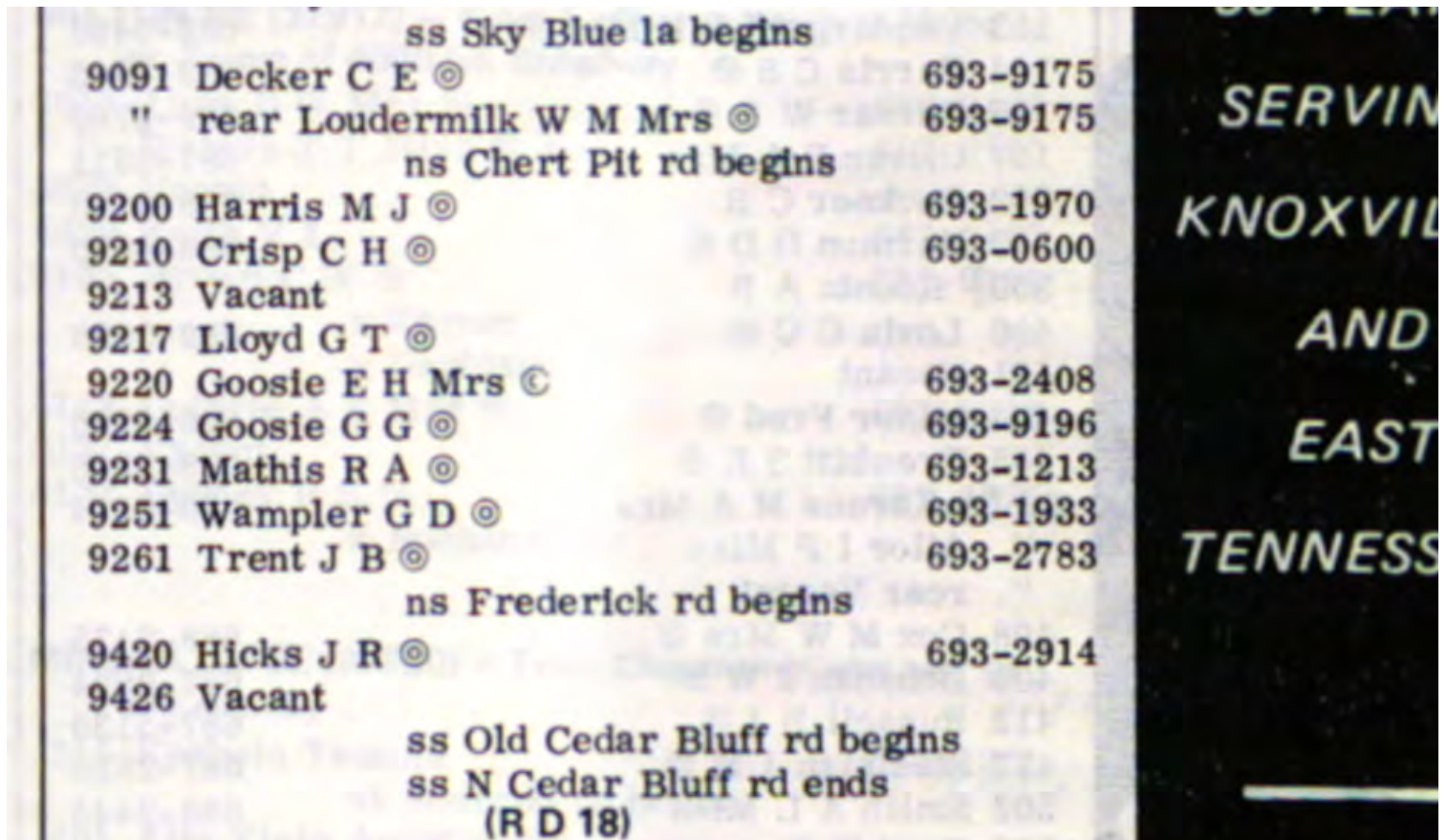
Knoxville City Directory

STREET:

9214-9300 Middlebrook Pike, Knoxville, TN

YEAR:

1978



**IMAGE:** 1 of 1  
**SOURCE:** Knoxville City Directory  
**STREET:** 9214-9300 Middlebrook Pike, Knoxville, TN  
**YEAR:** 1974



	ss Sky Blue Lane begins	
9091 Loudermilk D E ☉		584-8132
	ns Chert Pit rd begins	
	ss Old Cedar Bluff rd ends	
	ss N Cedar Bluff rd ends	
9100 Murphy C E		588-7798
9104 Walker Grocery		588-9234
9200 Harris D E		584-6489
9210 Crisp C H ☉		588-0769
9213 Floyd R L E Mrs ☉		588-1152
9217 Floyd G T ☉		
9220 Goosie W M ☉		584-1004
9221 Slade F P Mrs ☉		584-4400
	ns Frederick rd begins	
9224 Goosie G G ☉		588-5871
9227 Castleberry J K ☉		
9231 Mathis R A ☉		588-6367
9251 Wampler G D ☉		588-3453
9261 Morris J A ☉		584-8372
	ns Andes rd begins	
9426 Walker J H ☉		584-4826
	(R D 15)	

**IMAGE:** 1 of 1  
**SOURCE:** Knoxville City Directory  
**STREET:** 9214-9300 Middlebrook Pike, Knoxville, TN  
**YEAR:** 1969

**SOURCE:** Knoxville City Directory  
**STREET:** 9214-9300 Middlebrook Pike, Knoxville, TN  
**YEAR:** 1966  
**INFO:** Street Not Listed

**SOURCE:** Knoxville City Directory  
**STREET:** 9214-9300 Middlebrook Pike, Knoxville, TN  
**YEAR:** 1943



---

**INFO:** Street Not Listed

---

**SOURCE:** Knoxville City Directory  
**STREET:** 9214-9300 Middlebrook Pike, Knoxville, TN  
**YEAR:** 1938  
**INFO:** Street Not Listed

---

**SOURCE:** Knoxville City Directory  
**STREET:** 9214-9300 Middlebrook Pike, Knoxville, TN  
**YEAR:** 1935  
**INFO:** Street Not Listed

---

**SOURCE:** Knoxville City Directory  
**STREET:** 9214-9300 Middlebrook Pike, Knoxville, TN  
**YEAR:** 1930  
**INFO:** Street Not Listed

---

**SOURCE:** Knoxville City Directory  
**STREET:** 9214-9300 Middlebrook Pike, Knoxville, TN  
**YEAR:** 1925  
**INFO:** Street Not Listed

---

**SOURCE:** Knoxville City Directory  
**STREET:** 9214-9300 Middlebrook Pike, Knoxville, TN  
**YEAR:** 1920  
**INFO:** Street Not Listed

---

**SOURCE:** Knoxville City Directory  
**STREET:** 9214-9300 Middlebrook Pike, Knoxville, TN  
**YEAR:** 1915  
**INFO:** Street Not Listed

---

**SOURCE:** Knoxville City Directory  
**STREET:** 9214-9300 Middlebrook Pike, Knoxville, TN  
**YEAR:** 1910  
**INFO:** Street Not Listed

---

**SOURCE:** Knoxville City Directory  
**STREET:** 9214-9300 Middlebrook Pike, Knoxville, TN  
**YEAR:** 1905  
**INFO:** Street Not Listed

---

**SOURCE:** Knoxville City Directory  
**STREET:** 9214-9300 Middlebrook Pike, Knoxville, TN

---

**YEAR:** 1902  
**INFO:** Street Not Listed

---

# Fire Insurance Maps No Coverage Statement

**Site Location**

Site on Middlebrook Pike  
Middlebrook Pike  
Knoxville, TN

**Requested by**

Envirosite Corporation  
2 Corporate Drive, Suite 450  
Shelton, CT

**HIG Project #**

2053193

**Client Project #**

58181

**Date Created**

07/22/2021



Historical  
Information  
Gatherers

---

The HIG Historical Map Collection and the United States Library of Congress Map Collection were searched for fire insurance maps (FIM), real estate atlases and similar maps for the site location and adjoining properties. No FIMs or similar maps were identified for the site location and/or adjacent properties.

**FIM+ Maps**

The HIG Historical Map Collection and the United States Library of Congress Map Collection were searched for fire insurance maps (FIMs), real estate atlases and similar maps for the site location and adjoining properties. No FIMs or similar maps were identified for the site location and/or adjoining properties.



# HIG Research Summary

## Site Location

Site on Middlebrook Pike  
Middlebrook Pike  
Knoxville, TN

## Requested by

Envirosite Corporation  
2 Corporate Drive, Suite 450  
Shelton, CT

## HIG Project #

2053193

## Client Project #

58181

## Date Created

07/22/2021



Historical  
Information  
Gatherers

---

This Research Summary identifies the products and services provided by Historical Information Gatherers, Inc. (HIG) for the above referenced site location. All products are provided as PDFs unless otherwise noted.

## FIM+ Maps

The HIG Historical Map Collection and the United States Library of Congress Map Collection were searched for fire insurance maps (FIMs), real estate atlases and similar maps for the site location and adjoining properties. No FIMs or similar maps were identified for the site location and/or adjoining properties.

---

## Disclaimer & Limitation of Liability

This Research Summary and the related documents and images provided by Historical Information Gatherers (hereafter referred to as the "Site Specific HIG Data") contain information obtained from a variety of public and private sources. Additional information for the site and surrounding properties may exist. Accordingly, there can be no guaranty or warranty that the information provided is complete for its particular intended purpose. No warranty expressed or implied, is made whatsoever in connection with the Site Specific HIG Data. Historical Information Gatherers specifically disclaims the making of any such warranties, including without limitation, merchantability or fitness for a particular purpose. Historical Information Gatherers, its officers, employees and independent contractors cannot be held liable to anyone for any loss or damage, whether arising out of errors or omissions, negligence, accident or any other cause, resulting directly or indirectly from any information provided or any information not provided in the Site Specific HIG Data. Any liability on the part of Historical Information Gatherers is strictly limited to a refund equal to the amount paid for the Site Specific HIG Data.

## HIG Copyright Notice

This Research Summary and the selection, arrangement and compilation of Site Specific HIG Data are the property of Historical Information Gatherers. © Copyright 2021 by Historical Information Gatherers, Inc. All rights reserved. The person or entity that ordered and paid for the Site Specific HIG Data is granted a personal, non-assignable, limited license to reproduce the Site Specific HIG Data solely for purposes of providing supporting documentation for reports produced for the site location which is noted on page one of this Research Summary. Any other reproduction or other use of the Site Specific HIG Data in any media or format, in whole or in part, is expressly prohibited without prior written permission from Historical Information Gatherers, and the person or entity that ordered and paid for the Site Specific HIG Data assumes all liability for the making of any such reproductions.

## Licensing Agreement

The licensing agreement between Historical Information Gatherers and infoGroup provides that Historical Information Gatherers may create photocopies or reproductions of portions of Polk City Directories, Hill-Donnelley Criss-Cross Directories and other directories under infoGroup copyright. The licensing agreement also permits the person or entity that ordered and paid for the Site Specific HIG Data to include photocopies or reproductions of portions of Polk City Directories, Hill-Donnelley Criss-Cross Directories and other directories under infoGroup copyright as supporting documents for reports produced for the site which is the subject of the Site Specific HIG Data.



APPENDIX D  
ENVIROSITE RADIUS REPORT



## Government Records Report | 2021

Order Number: 58181

Report Generated: 07/20/2021

Project Name: Site on Middlebrook Pike

Project Number: PP-021-018A

Site on Middlebrook Pike  
Middlebrook Pike  
Knoxville, TN 37931

---

2 Corporate Drive  
Suite 450  
Shelton, CT 06484  
Toll Free: 866-211-2028  
[www.envirositecorp.com](http://www.envirositecorp.com)



<b>Section</b>	<b>Page</b>
<u>Executive Summary</u> .....	<u>1</u>
<u>Executive Summary by Distance</u> .....	<u>2</u>
<u>Executive Summary by Database</u> .....	<u>3</u>
<u>Property Proximity Map</u> .....	<u>7</u>
<u>Area Map</u> .....	<u>8</u>
<u>Map Findings Summary</u> .....	<u>9</u>
<u>Map Findings</u> .....	<u>13</u>
<u>Unmappable Summary</u> .....	<u>18</u>
<u>Environmental Records Searched</u> .....	<u>19</u>
<u>Geological Landscape Section</u> .....	<u>30</u>
<u>Geological Landscape Section Soil Map</u> .....	<u>33</u>
<u>Geological Landscape Section Summary</u> .....	<u>34</u>
<u>Geological Findings Map</u> .....	<u>50</u>
<u>Geological Landscape Section Map Findings Radon</u> .....	<u>51</u>
<u>Geological Landscape Records Searched</u> .....	<u>52</u>

### **Disclaimer - Copyright and Trademark Notice**

*All information contained in this report are based on data available from various public, government and other sources and are based upon the best data available from those sources. The information available in this report may be available from other sources and is not exclusive or the exclusive property of EnviroSite Corporation.*

*NO WARRANTY EXPRESSED OR IMPLIED, IS MADE IN CONNECTION WITH THIS REPORT, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALL RISK IS ASSUMED BY USER AND EnviroSite assumes no liability for faulty or inaccurate information. The Reports may utilize a variety of public and other sources reasonably available to EnviroSite. EnviroSite cannot, and does not assure, warrant, guarantee or assume any liability for the correctness, comprehensiveness, timeliness or completeness of any of such information, nor is the information in any Report to be construed as legal advice with respect to environmental risks associated with any property. EnviroSite shall not be liable to anyone for any claims, causes of action, suits, damages, losses, costs and expenses (including, without limitation, attorneys' fees and costs) arising out of or caused by this report regardless of the acts, errors or omissions, or negligence of EnviroSite. Any damages shall be limited to the purchase price of the report.*

*Purchaser of the report accepts the report "As Is". The report is intended only to provide information only and should not be considered as providing any legal advice, prediction, forecast, or fact as to the environmental risk for any specific property. Reports are proprietary to EnviroSite, and contain copyrighted material and trademarks of EnviroSite. All other trademarks used herein are the property of their respective owners. All rights of EnviroSite as to the Reports are reserved.*

Envirosite Corporation has conducted a search of all reasonably ascertainable records in accordance with EPA's AAI (40 CFR Part 312) requirements and the ASTM E-1527-13 Environmental Site Assessments standard.

**SUBJECT PROPERTY INFORMATION:**

**ADDRESS:**

Site on Middlebrook Pike  
Middlebrook Pike  
Knoxville, TN 37931

**COORDINATES:**

Latitude (North):	35.943941 - 35°56'38.2"
Longitude (West):	-84.099996 - -84°5'60"
Universal Transverse Mercator:	Zone 16N
UTM X (Meters):	761590.29
UTM Y (Meters):	3981618.63

**ELEVATION:**

Elevation:	1080 ft. above sea level
------------	--------------------------

**USGS TOPOGRAPHIC MAP ASSOCIATED WITH SUBJECT PROPERTY:**

Subject Property Map: 35084-H1 Bearden, TN  
Most Recent Revision: 2019

<u>MAP ID</u>	<u>SITE NAME</u>	<u>ADDRESS</u>	<u>DATABASE(S)</u>	<u>RELATIVE ELEVATION</u>	<u>DIRECTION / DISTANCE</u>
1	WIEGEL'S # 30	1000 CEDAR BLUFF RD	LUST - TN	Lower	SE / 0.301 mi., 1591 ft.
2	IT ENVIROSCIENCE	DIRECTORS DRIVE	CERCLIS NFRAP, SEMS_8R_ARCHIVED SITES	Lower	SSE / 0.482 mi., 2543 ft.
3	9053 MIDDLEBROOK PIKE   9053 MID...	9053 MIDDLEBROOK PIKE	SHWS - TN	Lower	E / 0.741 mi., 3914 ft.



**SUBJECT PROPERTY SEARCH RESULTS:**

The subject property was not listed in any of the databases searched by EnviroSite Corporation.

**SEARCH RESULTS:**

**FEDERAL CERCLIS LIST**

CERCLIS NFRAP: The CERCLIS sites with No Further Remedial Action Planned from the CERCLIS program database. The Environmental Protection Agency decommissioned the CERCLIS data in 2014. The last update was November 12, 2013. **1 SITE FOUND WITHIN .5 MILE**

**LOWER ELEVATION**

<u>MAP ID</u>	<u>SITE NAME</u>	<u>SITE ADDRESS</u>	<u>DIRECTION/DISTANCE</u>	<u>PAGE</u>
2	IT ENVIROSCIENCE - ID: TND000770479	DIRECTORS DRIVE Status: NFRAP-Site does not qualify for the NPL based on existing information	SSE / 0.482 mi., 2543 ft. Date: 1984-08-01	13

SEMS\_8R\_ARCHIVED SITES: The Archived Site Inventory displays site and location information at sites archived from SEMs. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. **1 SITE FOUND WITHIN .5 MILE**

**LOWER ELEVATION**

<u>MAP ID</u>	<u>SITE NAME</u>	<u>SITE ADDRESS</u>	<u>DIRECTION/DISTANCE</u>	<u>PAGE</u>
2	IT ENVIROSCIENCE - ID: 0403516	DIRECTORS DRIVE Status: NFRAP-Site does not qualify for the NPL based on existing information	SSE / 0.482 mi., 2543 ft. Date: N/A	13

**STATE AND TRIBAL LEAKING STORAGE TANK LISTS**

LUST - TN: Fund Eligible Leaking Underground Storage Tank **1 SITE FOUND WITHIN .5 MILE**

**LOWER ELEVATION**

<u>MAP ID</u>	<u>SITE NAME</u>	<u>SITE ADDRESS</u>	<u>DIRECTION/DISTANCE</u>	<u>PAGE</u>
1	WIEGEL'S # 30 - ID: Facility ID 2470809 - ID: Site Number 1	1000 CEDAR BLUFF RD Status: N/A Status: 1a Completed Tank Closure	SE / 0.301 mi., 1591 ft. Date: N/A Date: N/A	13

**STATE- AND TRIBAL - EQUIVALENT CERCLIS**

SHWS - TN: Promulgated Sites **1 SITE FOUND WITHIN 1 MILE**

**LOWER ELEVATION**

<u>MAP ID</u>	<u>SITE NAME</u>	<u>SITE ADDRESS</u>	<u>DIRECTION/DISTANCE</u>	<u>PAGE</u>
3	9053 MIDDLEBROOK PIKE   9053 MIDDLEBROOK PIKE - SRS471251   Dairy Mart #447 - ID: SRS471251 - ID: 47593	9053 MIDDLEBROOK PIKE Status: CLOSED Status: REFER TO OTHER NUMBER	E / 0.741 mi., 3914 ft. Date: N/A Date: N/A	17

No unmappable sites reported.

**DATABASE(S) WITH NO MAPPED SITES:**

**FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST**

ARCHIVED RCRA TSDF	Archived Resource Conservation and Recovery Act: Treatment Storage and Disposal Facilities
RCRA_TSDF	Resource Conservation and Recovery Act: Treatment Storage and Disposal Facilities

**FEDERAL CERCLIS LIST**

CERCLIS-HIST	Comprehensive Environmental Response Compensation and Liability Act
FEDERAL FACILITY	Federal Facility sites
SEMS_8R_ACTIVE SITES	Sites on SEMS Active Site Inventory

**FEDERAL RCRA CORRACTS FACILITIES LIST**

CORRACTS	Hazardous Waste Corrective Action
HIST CORRACTS 2	Historical Hazardous Waste Corrective Action

**FEDERAL DELISTED NPL SITE LIST**

DELISTED NPL	Delisted National Priority List
DELISTED PROPOSED NPL	Delisted proposed National Priority List
SEMS_DELETED NPL	Sites Deleted from National Priorities List

**FEDERAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS**

EPA LF MOP	EPA Landfill Methane Outreach Project Database
------------	--

**FEDERAL ERNS LIST**

ERNS	Emergency Response Notification System
------	--

**FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES**

FED E C	Engineering Controls
FED I C	Institutional Controls
RCRA IC_EC	RCRA sites with Institutional and Engineering Controls

**FEDERAL RCRA GENERATORS LIST**

HIST RCRA_CESQG	Historical Resource Conservation and Recovery Act_Conditionally Exempt Small Quantity Generators
HIST RCRA_LQG	Historical Resource Conservation and Recovery Act_Large Quantity Generators
HIST RCRA_NONGEN	Historical Resource Conservation and Recovery Act_Non Generators
HIST RCRA_SQG	Historical Resource Conservation and Recovery Act_Small Quantity Generators
RCRA_LQG	Resource Conservation and Recovery Act_Large Quantity Generators
RCRA_NONGEN	Resource Conservation and Recovery Act_Non Generators
RCRA_SQG	Resource Conservation and Recovery Act_Small Quantity Generators
RCRA_VSQG	Resource Conservation and Recovery Act_Very Small Quantity Generator

**FEDERAL NPL SITE LIST**

NPL	National Priority List
NPL EPA R1 GIS	GIS for EPA Region 1 NPL
NPL EPA R3 GIS	GIS for EPA Region 3 NPL
NPL EPA R6 GIS	GIS for EPA Region 6 NPL
NPL EPA R8 GIS	GIS for EPA Region 8 NPL
NPL EPA R9 GIS	GIS for EPA Region 9 NPL
PART NPL	Part National Priority List
PROPOSED NPL	Proposed National Priority List
SEMS_FINAL NPL	Sites included on the Final National Priorities List
SEMS_PROPOSED NPL	Sites Proposed to be Added to the National Priorities List

**STATE AND TRIBAL REGISTERED STORAGE TANK LISTS**

FEMA UST	FEMA Underground Storage Tanks
INDIAN UST R1	Underground Storage Tanks on Indian Land in EPA Region 1
INDIAN UST R10	Underground Storage Tanks on Indian Land in EPA Region 10
INDIAN UST R2	Underground Storage Tanks on Indian Land in EPA Region 2
INDIAN UST R4	Underground Storage Tanks on Indian Land in EPA Region 4
INDIAN UST R5	Underground Storage Tanks on Indian Land in EPA Region 5
INDIAN UST R6	Underground Storage Tanks on Indian Land in EPA Region 6
INDIAN UST R7	Underground Storage Tanks on Indian Land in EPA Region 7
INDIAN UST R8	Underground Storage Tanks on Indian Land in EPA Region 8
INDIAN UST R9	Underground Storage Tanks on Indian Land in EPA Region 9
AST - TN	Aboveground Storage Tanks
HIST UST - TN	Historical Underground Storage Tanks
UST - TN	Underground Storage Tanks

**STATE AND TRIBAL BROWNFIELD SITES**

TRIBAL BROWNFIELDS	Tribal Brownfields
BROWNFIELDS - TN	Brownfield

**STATE INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES**

E C - TN	Engineering Controls
I C - TN	Institutional Controls

**STATE AND TRIBAL LEAKING STORAGE TANK LISTS**

INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land in EPA Region 1
INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land in EPA Region 10
INDIAN LUST R2	Leaking Underground Storage Tanks on Indian Land in EPA Region 2
INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land in EPA Region 4
INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land in EPA Region 5
INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land in EPA Region 6
INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land in EPA Region 7
INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land in EPA Region 8
INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land in EPA Region 9
HIST LUST CO - TN	Historical Leaking Underground Storage Tanks
LUST TRUST - TN	Leaking Underground Storage Tanks: Trust Fund
LUST JO - TN	Leaking Underground Storage Tanks

**STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS**

SWF/LF - TN	Solid Waste Facilities Land Fills
-------------	-----------------------------------

**STATE AND TRIBAL VOLUNTARY CLEANUP SITES**

VCP - TN	Voluntary Cleanup Program
----------	---------------------------

**LOCAL BROWNFIELD LISTS**

BROWNFIELDS-ACRES	EPA ACRES Brownfields
FED BROWNFIELDS	Federal Brownfields

**LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES**

FED CDL	DOJ Clandestine Drug Labs
US HIST CDL	Historical Clandestine Drug Labs
CDL - TN	Clandestine Drug Labs

**RECORDS OF EMERGENCY RELEASE REPORTS**

HMIRS (DOT)	Hazardous Materials Information Reporting Systems
SPILLS - TN	Spills
SPILLS 2 - TN	Spill Complaints

**LOCAL LAND RECORDS**

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



**LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES**

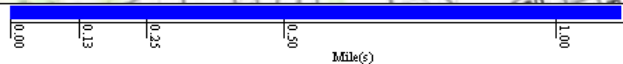
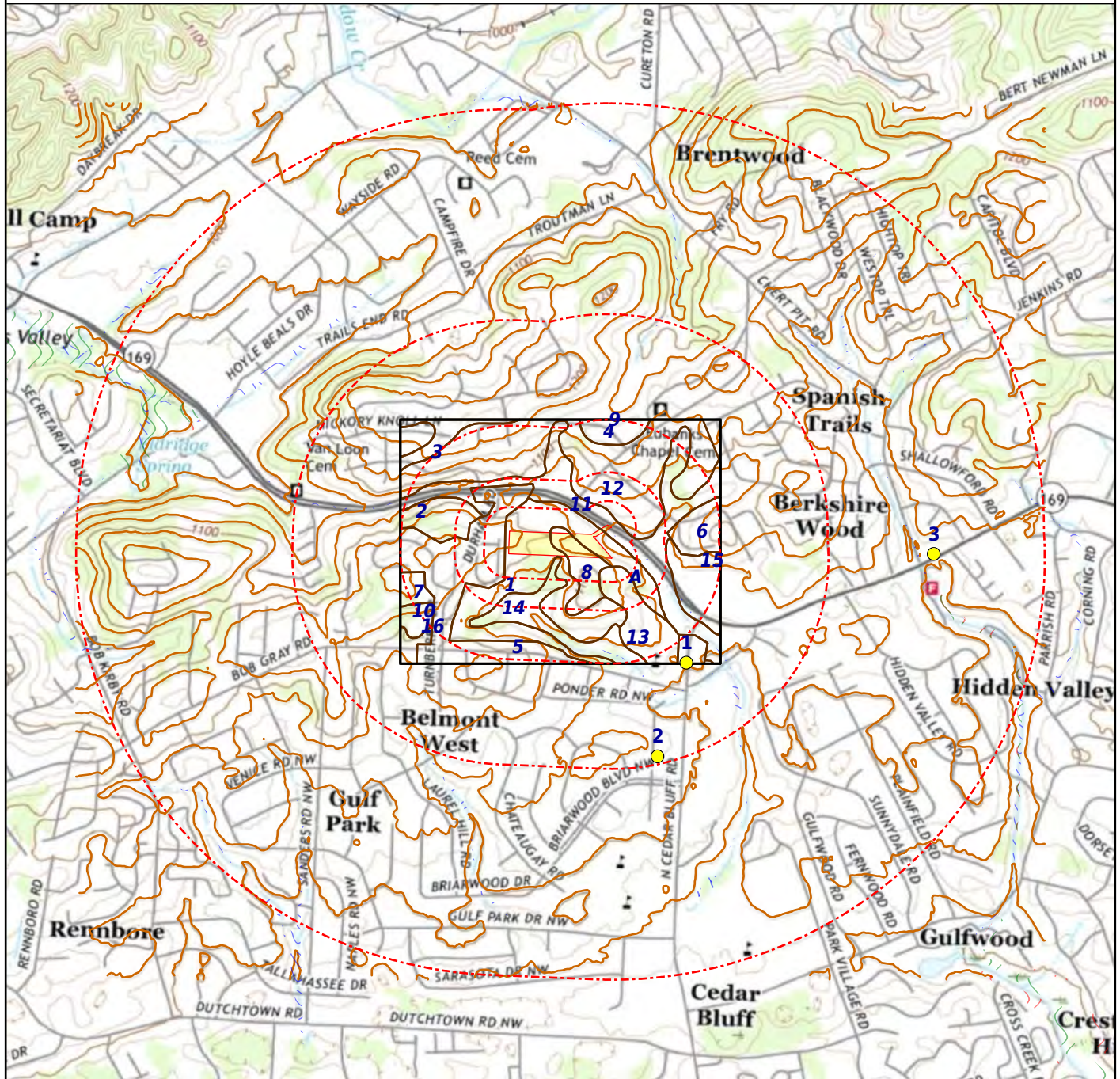
TRIBAL ODI Indian Open Dump Inventory Sites

**OTHER ASCERTAINABLE RECORDS**

ALT FUELING	Alternative Fueling Stations
AST PBS	ASTs at Bulk Petroleum Terminals
CDC HAZDAT	Hazardous Substance Release and Health Effects Information
CORRECTIVE ACTIONS_2020	Wastes - Hazardous Waste - Corrective Action
DOD	Department of Defense
EPA FUELS	EPA Fuels Registration, Reporting, and Compliance List
FUDS	Formerly Used Defense Sites
HIST DOD	Department of Defense historical sites
NPL AOC	Areas related to NPL remediation sites
NPL LIENS	National Priority List Liens
PADS	PCB Activity Database Systems
PCB TRANSFORMER	Polychlorinated Biphenyl (PCB) Waste
VAPOR	EPA Vapor Intrusion
DRYCLEANERS - TN	Drycleaners

SUBJECT NAME: Site on Middlebrook Pike  
 ADDRESS: Middlebrook Pike, Knoxville, TN, 37931  
 LAT/LONG: 35.943941 / -84.099996

PREPARED FOR: Professional Consulting & Development, ...  
 ORDER #: 58181  
 REPORT DATE: July 20, 2021

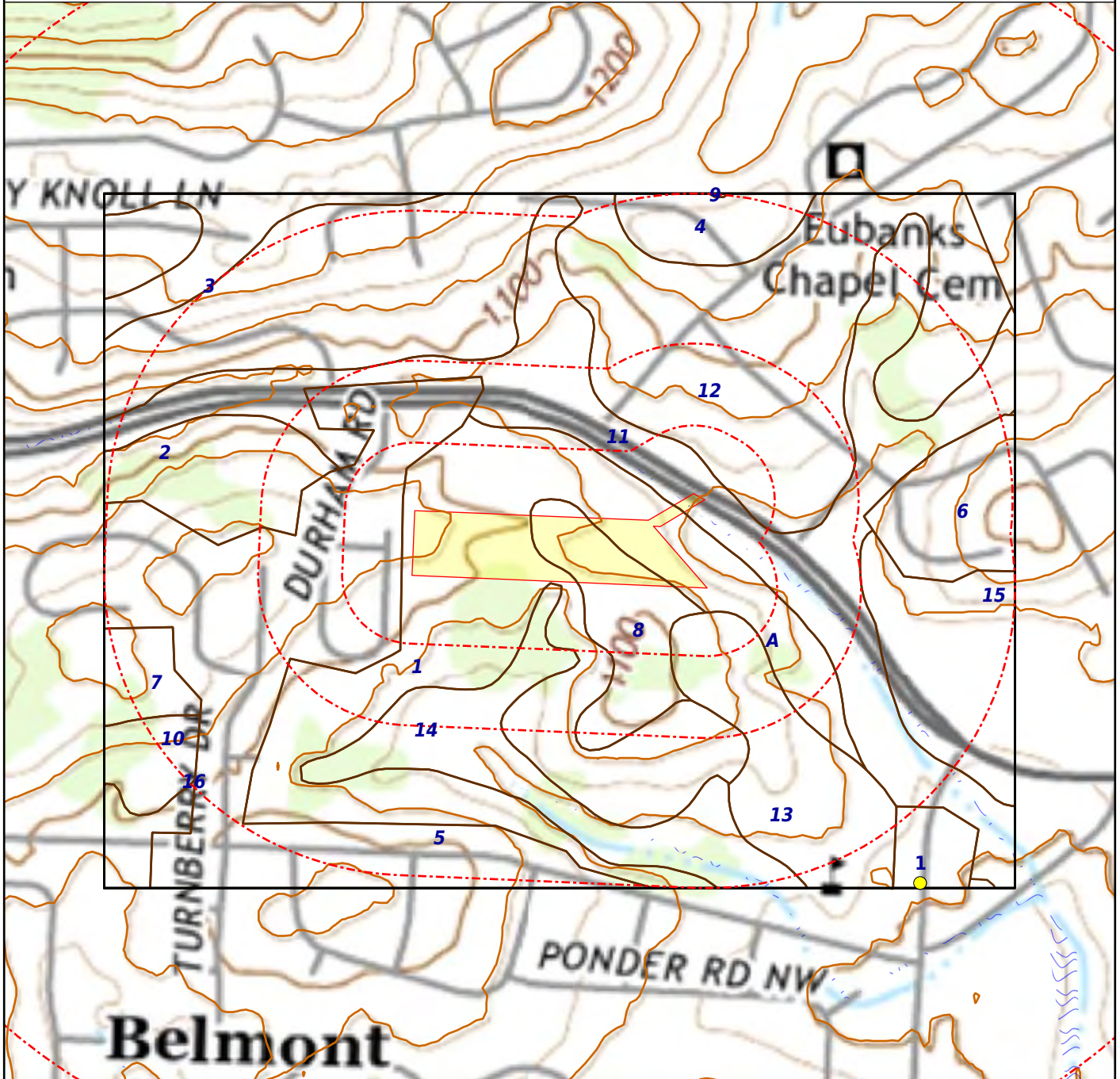


- + Subject Property
 ● Equal/Higher Elevation
● Lower Elevation
+ CDC HAZDAT (No Data)
- Department of Defense (No Data)
  DFIRM Floodzone 100
 DFIRM Floodzone 500
 FEMA FloodZone 100 (No Data)
- FEMA FloodZone 500 (No Data)
  Historical DOD (No Data)
 National Priority List (No Data)
+ NWI
- WetLands



SUBJECT NAME: Site on Middlebrook Pike  
 ADDRESS: Middlebrook Pike, Knoxville, TN, 37931  
 LAT/LONG: 35.943941 / -84.099996

PREPARED FOR: Professional Consulting & Development, ...  
 ORDER #: 58181  
 REPORT DATE: July 20, 2021



- |   |                                 |   |                          |   |                                  |   |                              |
|---|---------------------------------|---|--------------------------|---|----------------------------------|---|------------------------------|
| + | Subject Property                | ● | Equal/Higher Elevation   | ● | Lower Elevation                  | + | CDC HAZDAT (No Data)         |
| ■ | Department of Defense (No Data) | ⊃ | DFIRM Floodzone 100      | ⊃ | DFIRM Floodzone 500              | ⊃ | FEMA FloodZone 100 (No Data) |
| ⊃ | FEMA FloodZone 500 (No Data)    | ■ | Historical DOD (No Data) | ⊃ | National Priority List (No Data) | ⊃ | NWI                          |
| ⊃ | WetLands                        |   |                          |   |                                  |   |                              |



<u>DATABASE</u>	<u>SUBJECT PROPERTY</u>	<u>SEARCH DISTANCE (MILES)</u>	<u>&lt;1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt;1</u>	<u>TOTAL MAPPED</u>
<b>FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST</b>								
ARCHIVED RCRA TSD		0.500	0	0	0	--	--	0
RCRA_TSD		0.500	0	0	0	--	--	0
<b>FEDERAL CERCLIS LIST</b>								
CERCLIS NFRAP		0.500	0	0	1	--	--	1
CERCLIS-HIST		0.500	0	0	0	--	--	0
FEDERAL FACILITY		1.000	0	0	0	0	--	0
SEMS_8R_ACTIVE SITES		0.500	0	0	0	--	--	0
SEMS_8R_ARCHIVED SITES		0.500	0	0	1	--	--	1
<b>FEDERAL RCRA CORRACTS FACILITIES LIST</b>								
CORRACTS		1.000	0	0	0	0	--	0
HIST CORRACTS 2		1.000	0	0	0	0	--	0
<b>FEDERAL DELISTED NPL SITE LIST</b>								
DELISTED NPL		1.000	0	0	0	0	--	0
DELISTED PROPOSED NPL		1.000	0	0	0	0	--	0
SEMS_DELETED NPL		1.000	0	0	0	0	--	0
<b>FEDERAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS</b>								
EPA LF MOP		0.500	0	0	0	--	--	0
<b>FEDERAL ERNS LIST</b>								
ERNS		SP	0	--	--	--	--	0
<b>FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES</b>								
FED E C		0.500	0	0	0	--	--	0
FED I C		0.500	0	0	0	--	--	0
RCRA IC_EC		0.250	0	0	--	--	--	0
<b>FEDERAL RCRA GENERATORS LIST</b>								
HIST RCRA_CESQG		0.125	0	--	--	--	--	0
HIST RCRA_LQG		0.125	0	--	--	--	--	0
HIST RCRA_NONGEN		0.125	0	--	--	--	--	0
HIST RCRA_SQG		0.125	0	--	--	--	--	0
RCRA_LQG		0.125	0	--	--	--	--	0
RCRA_NONGEN		0.125	0	--	--	--	--	0
RCRA_SQG		0.125	0	--	--	--	--	0
RCRA_VSQG		0.125	0	--	--	--	--	0

<u>DATABASE</u>	<u>SUBJECT PROPERTY</u>	<u>SEARCH DISTANCE (MILES)</u>	<u>&lt;1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt;1</u>	<u>TOTAL MAPPED</u>
-----------------	-------------------------	--------------------------------	----------------	------------------	------------------	----------------	--------------	---------------------

**FEDERAL NPL SITE LIST**

NPL		1.000	0	0	0	0	--	0
NPL EPA R1 GIS		1.000	0	0	0	0	--	0
NPL EPA R3 GIS		1.000	0	0	0	0	--	0
NPL EPA R6 GIS		1.000	0	0	0	0	--	0
NPL EPA R8 GIS		1.000	0	0	0	0	--	0
NPL EPA R9 GIS		1.000	0	0	0	0	--	0
PART NPL		1.000	0	0	0	0	--	0
PROPOSED NPL		1.000	0	0	0	0	--	0
SEMS_FINAL NPL		1.000	0	0	0	0	--	0
SEMS_PROPOSED NPL		1.000	0	0	0	0	--	0

**STATE AND TRIBAL REGISTERED STORAGE TANK LISTS**

FEMA UST		0.250	0	0	--	--	--	0
INDIAN UST R1		0.250	0	0	--	--	--	0
INDIAN UST R10		0.250	0	0	--	--	--	0
INDIAN UST R2		0.250	0	0	--	--	--	0
INDIAN UST R4		0.250	0	0	--	--	--	0
INDIAN UST R5		0.250	0	0	--	--	--	0
INDIAN UST R6		0.250	0	0	--	--	--	0
INDIAN UST R7		0.250	0	0	--	--	--	0
INDIAN UST R8		0.250	0	0	--	--	--	0
INDIAN UST R9		0.250	0	0	--	--	--	0
AST - TN		0.250	0	0	--	--	--	0
HIST UST - TN		0.250	0	0	--	--	--	0
UST - TN		0.250	0	0	--	--	--	0

**STATE AND TRIBAL BROWNFIELD SITES**

TRIBAL BROWNFIELDS		0.500	0	0	0	--	--	0
BROWNFIELDS - TN		0.500	0	0	0	--	--	0

**STATE INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES**

E C - TN		0.500	0	0	0	--	--	0
I C - TN		0.500	0	0	0	--	--	0

**STATE AND TRIBAL LEAKING STORAGE TANK LISTS**

INDIAN LUST R1		0.500	0	0	0	--	--	0
INDIAN LUST R10		0.500	0	0	0	--	--	0
INDIAN LUST R2		0.500	0	0	0	--	--	0

<u>DATABASE</u>	<u>SUBJECT PROPERTY</u>	<u>SEARCH DISTANCE (MILES)</u>	<u>&lt;1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt;1</u>	<u>TOTAL MAPPED</u>
-----------------	-------------------------	--------------------------------	----------------	------------------	------------------	----------------	--------------	---------------------

**STATE AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)**

INDIAN LUST R4		0.500	0	0	0	--	--	0
INDIAN LUST R5		0.500	0	0	0	--	--	0
INDIAN LUST R6		0.500	0	0	0	--	--	0
INDIAN LUST R7		0.500	0	0	0	--	--	0
INDIAN LUST R8		0.500	0	0	0	--	--	0
INDIAN LUST R9		0.500	0	0	0	--	--	0
HIST LUST CO - TN		0.500	0	0	0	--	--	0
LUST - TN		0.500	0	0	1	--	--	1
LUST TRUST - TN		0.500	0	0	0	--	--	0
LUST JO - TN		0.500	0	0	0	--	--	0

**STATE- AND TRIBAL - EQUIVALENT CERCLIS**

SHWS - TN		1.000	0	0	0	1	--	1
-----------	--	-------	---	---	---	---	----	---

**STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS**

SWF/LF - TN		0.500	0	0	0	--	--	0
-------------	--	-------	---	---	---	----	----	---

**STATE AND TRIBAL VOLUNTARY CLEANUP SITES**

VCP - TN		0.500	0	0	0	--	--	0
----------	--	-------	---	---	---	----	----	---

**LOCAL BROWNFIELD LISTS**

BROWNFIELDS-ACRES		0.500	0	0	0	--	--	0
FED BROWNFIELDS		0.500	0	0	0	--	--	0

**LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES**

FED CDL		SP	0	--	--	--	--	0
US HIST CDL		SP	0	--	--	--	--	0
CDL - TN		SP	0	--	--	--	--	0

**RECORDS OF EMERGENCY RELEASE REPORTS**

HMIRS (DOT)		SP	0	--	--	--	--	0
SPILLS - TN		0.125	0	--	--	--	--	0
SPILLS 2 - TN		0.125	0	--	--	--	--	0

**LOCAL LAND RECORDS**

LIENS 2		SP	0	--	--	--	--	0
---------	--	----	---	----	----	----	----	---

**LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES**

TRIBAL ODI		0.500	0	0	0	--	--	0
------------	--	-------	---	---	---	----	----	---



<u>DATABASE</u>	<u>SUBJECT PROPERTY</u>	<u>SEARCH DISTANCE (MILES)</u>	<u>&lt;1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt;1</u>	<u>TOTAL MAPPED</u>
-----------------	-----------------------------	--	----------------	------------------	------------------	----------------	--------------	-------------------------

**OTHER ASCERTAINABLE RECORDS**

ALT FUELING		0.250	0	0	--	--	--	0
AST PBS		0.250	0	0	--	--	--	0
CDC HAZDAT		1.000	0	0	0	0	--	0
CORRECTIVE ACTIONS_2020		0.500	0	0	0	--	--	0
DOD		1.000	0	0	0	0	--	0
EPA FUELS		SP	0	--	--	--	--	0
FUDS		1.000	0	0	0	0	--	0
HIST DOD		1.000	0	0	0	0	--	0
NPL AOC		1.000	0	0	0	0	--	0
NPL LIENS		SP	0	--	--	--	--	0
PADS		SP	0	--	--	--	--	0
PCB TRANSFORMER		SP	0	--	--	--	--	0
VAPOR		0.500	0	0	0	--	--	0
DRYCLEANERS - TN		0.250	0	0	--	--	--	0

Map Id: 1  
Direction: SE  
Distance: 0.301 mi., 1591 ft.  
Elevation: 1002 ft.  
Relative: Lower

**Site Name :** WIEGEL'S # 30  
1000 CEDAR BLUFF RD  
KNOXVILLE, TN 37923  
**Database(s) :** [LUST - TN]

**EnviroSite ID:** 5941876  
**EPA ID:** N/R

LUST - TN

Facility Name : WIEGEL'S # 30  
Facility Address : 1000 CEDAR BLUFF RD, KNOXVILLE, TN 37923  
County : Knox

Discovery Date : N/R  
Facility ID : 2470809  
Site Number : 1  
Case Manager : N/R  
Case Description : N/R  
Section : N/R  
Cause : N/R  
Current Status : 1a Completed Tank Closure  
Priority : N/R  
Product Released : N/R  
Owner Address 1 : N/R  
Owner Address 2 : N/R  
Owner Phone : N/R  
Contact Name : N/R  
Contact Address 1 : N/R  
Contact Address 2 : N/R  
Contact Phone : N/R  
How Discovered : N/R  
Last Date in Agency List : 2021-05-29

Map Id: 2  
Direction: SSE  
Distance: 0.482 mi., 2543 ft.  
Elevation: 1023 ft.  
Relative: Lower

**Site Name :** IT ENVIROSCIENCE  
DIRECTORS DRIVE  
KNOXVILLE, TN 37923  
**Database(s) :** [CERCLIS NFRAP, SEMS\_8R\_ARCHIVED SITES]

**EnviroSite ID:** 17966543  
**EPA ID:** TND000770479

CERCLIS NFRAP

Facility Name : IT ENVIROSCIENCE  
Facility Address : DIRECTORS DRIVE, KNOXVILLE, TN 37923  
County : KNOX

Site ID : 0403516  
Epa ID : TND000770479  
Short Name : IT ENVIROSCIENCE  
Congressional District : 02  
IFMS ID : N/R  
SMSA Number : 3840  
USGC Hydro Unit : 06010201  
Federal Facility : N  
DMNSN Number : 2  
Site Orphan Flag : N  
RCRA ID : N/R  
USGS Quadrangle : N/R

Map Id: 2  
 Direction: SSE  
 Distance: 0.482 mi., 2543 ft.  
 Elevation: 1023 ft.  
 Relative: Lower

**Site Name :** IT ENVIROSCIENCE  
 DIRECTORS DRIVE  
 KNOXVILLE, TN 37923

**Database(s) :** [CERCLIS NFRAP, SEMS\_8R\_ARCHIVED SITES] **(cont.)**

**Envirosite ID:** 17966543  
**EPA ID:** TND000770479

CERCLIS NFRAP **(cont.)**

Site Init by Prog :	N/R
NFRAP Flag :	NFA
Parent ID :	N/R
RST Code :	N/R
EPA Region :	04
Classification :	N/R
Site Settings Code :	N/R
NPL Status :	Not on the NPL
DMNSN Unit Code :	ACRE
RBRAC Code :	N/R
RResp Fed Agency Code :	N/R
Non NPL Status :	NFRAP-Site does not qualify for the NPL based on existing information
Non NPL Status Date :	1984-08-01
Site Fips Code :	47093
CC Concurrence Date :	N/R
CC Concurrence FY :	N/R
Alias EPA ID :	N/R
Site FUDS Flag :	N/R

CERCLIS Site Contact Name(s)

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your EnviroSite account representative for a complimentary site report containing all of the details available.

Contact ID :	4000108
Contact Title :	Remedial Project Manager (RPM)
Contact ID :	4000150
Contact Title :	Remedial Project Manager (RPM)
Contact ID :	4000275
Contact Title :	Site Assessment Manager (SAM)
Contact ID :	4000566
Contact Title :	Remedial Project Manager (RPM)
Contact ID :	4000580
Contact Title :	Remedial Project Manager (RPM)
Alias Comments :	IT ENVIROSCIENCE
Site Description :	N/R

CERCLIS Assessment History

Action Code :	001
Action :	SITE INSPECTION
Date Started :	N/R



Map Id: 2  
 Direction: SSE  
 Distance: 0.482 mi., 2543 ft.  
 Elevation: 1023 ft.  
 Relative: Lower

**Site Name :** IT ENVIROSCIENCE  
 DIRECTORS DRIVE  
 KNOXVILLE, TN 37923

**Database(s) :** [CERCLIS NFRAP, SEMS\_8R\_ARCHIVED SITES] **(cont.)**

**EnviroSite ID:** 17966543  
**EPA ID:** TND000770479

CERCLIS NFRAP **(cont.)**

Date Completed : 1984-08-01  
 Priority Level : 1  
 Operational Unit : 00  
 Primary Responsibility : State, Fund Financed  
 Planning Status : N/R  
 Urgency Indicator : N/R  
 Action Anomaly : N/R

Action Code : 001  
 Action : DISCOVERY  
 Date Started : N/R  
 Date Completed : 1980-08-01  
 Priority Level : 1  
 Operational Unit : 00  
 Primary Responsibility : EPA Fund-Financed  
 Planning Status : N/R  
 Urgency Indicator : N/R  
 Action Anomaly : N/R

Action Code : 001  
 Action : ARCHIVE SITE  
 Date Started : N/R  
 Date Completed : 1984-08-01  
 Priority Level : 1  
 Operational Unit : 00  
 Primary Responsibility : EPA In-House  
 Planning Status : N/R  
 Urgency Indicator : N/R  
 Action Anomaly : N/R

Action Code : 001  
 Action : PRELIMINARY ASSESSMENT  
 Date Started : N/R  
 Date Completed : 1984-08-01  
 Priority Level : 1  
 Operational Unit : 00  
 Primary Responsibility : State, Fund Financed  
 Planning Status : N/R  
 Urgency Indicator : N/R  
 Action Anomaly : N/R

SEMS\_8R\_ARCHIVED SITES

Facility Name : IT ENVIROSCIENCE  
 Facility Address : DIRECTORS DRIVE, KNOXVILLE, TN 37923  
 County : KNOX

Site Details

Site ID : 0403516  
 EPA ID : TND000770479  
 Region : 04

Map Id: 2  
 Direction: SSE  
 Distance: 0.482 mi., 2543 ft.  
 Elevation: 1023 ft.  
 Relative: Lower

**Site Name :** IT ENVIROSCIENCE  
 DIRECTORS DRIVE  
 KNOXVILLE, TN 37923

**Database(s) :** [CERCLIS NFRAP, SEMS\_8R\_ARCHIVED SITES] **(cont.)**

**Envirosite ID:** 17966543  
**EPA ID:** TND000770479

SEMS\_8R\_ARCHIVED SITES **(cont.)**

Congressional District : 02  
 Federal Facility : N  
 Federal Facility Docket : N  
 NPL Status : Not on the NPL  
 Non NPL Status : NFRAP-Site does not qualify for the NPL based on existing information  
 FIPS Code : 47093  
 Superfund Alternative Agreement : N  
 Last Date in Agency List : 2021-02-12

Additional Information

Start Date : 1980-08-01  
 Finish Date : 1980-08-01  
 OU : 00  
 Action Code : DS  
 Action Name : DISCVRY  
 Sequence : 1  
 Quality : N/R  
 Current Action Lead : EPA Perf

Start Date : N/R  
 Finish Date : 1984-08-01  
 OU : 00  
 Action Code : PA  
 Action Name : PA  
 Sequence : 1  
 Quality : L  
 Current Action Lead : St Perf

Start Date : N/R  
 Finish Date : 1984-08-01  
 OU : 00  
 Action Code : VS  
 Action Name : ARCH SITE  
 Sequence : 1  
 Quality : N/R  
 Current Action Lead : EPA Perf In-Hse

Start Date : N/R  
 Finish Date : 1984-08-01  
 OU : 00  
 Action Code : SI  
 Action Name : SI  
 Sequence : 1  
 Quality : N  
 Current Action Lead : St Perf

Map Id: 3  
Direction: E  
Distance: 0.741 mi., 3914 ft.  
Elevation: 1008 ft.  
Relative: Lower

**Site Name :** 9053 MIDDLEBROOK PIKE | 9053  
MIDDLEBROOK PIKE - SRS471251 | Dairy  
Mart #447  
9053 MIDDLEBROOK PIKE  
KNOXVILLE | Knoxville, TN 37919  
**Database(s) :** [SHWS - TN]

**EnviroSite ID:** 5918055  
**EPA ID:** N/R

SHWS - TN

Facility Name : 9053 MIDDLEBROOK PIKE  
Facility Address : 9053 MIDDLEBROOK PIKE, KNOXVILLE  
County : KNOX

DOR ID : SRS471251  
DOR EFO : N/R  
Promulgated Date : N/R  
Delisted Date : N/R  
Site Status : CLOSED  
Acres : .46  
Latitude : 35.943915  
Longitude : -84.084596  
Last Date in Agency List : 2021-05-16

Facility Name : 9053 MIDDLEBROOK PIKE - SRS471251  
Facility Address : 9053 MIDDLEBROOK PIKE, KNOXVILLE  
County : KNOX

DOR ID : 47593  
DOR EFO : N/R  
Promulgated Date : N/R  
Delisted Date : N/R  
Site Status : REFER TO OTHER NUMBER  
Acres : N/R  
Latitude : 35.943915  
Longitude : -84.084596  
Last Date in Agency List : 2021-05-16



No unmappable sites reported.

**FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST**

ARCHIVED RCRA TSD: Resource Conservation and Recovery Act hazardous waste transportation storage disposal and treatment facilities

Agency Version Date: 04/13/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 215-814-2469
Planned Next Contact: 10/05/2021	Most Recent Contact: 07/09/2021

RCRA\_TSD: Resource Conservation and Recovery Act hazardous waste transportation storage disposal and treatment facilities

Agency Version Date: 04/13/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 215-814-2469
Planned Next Contact: 10/05/2021	Most Recent Contact: 07/09/2021

**FEDERAL CERCLIS LIST**

CERCLIS NFRAP: The CERCLIS sites with No Further Remedial Action Planned from the CERCLIS program database. The Environmental Protection Agency decommissioned the CERCLIS data in 2014. The last update was November 12, 2013.

Agency Version Date: 10/25/2013	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 800-424-9346
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

CERCLIS-HIST: The CERCLIS program database contains information on the assessment and remediation of federal hazardous waste sites. The Environmental Protection Agency decommissioned the CERCLIS data in 2014. The last update was November 12, 2013.

Agency Version Date: 10/29/2013	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 800-424-9346
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

FEDERAL FACILITY: Sites where Federal Facilities Restoration and Reuse Office (FFRRO) arranged cleanup for Base Closure and Property Transfer at Federal Facilities

Agency Version Date: 02/12/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: 703-603-8712
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

SEMS\_8R\_ACTIVE SITES: The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. NPL sites include latitude and longitude information. For non-NPL sites, a brief site status is provided.

Agency Version Date: 02/12/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

SEMS\_8R\_ARCHIVED SITES: The Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Agency Version Date: 02/12/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

**FEDERAL RCRA CORRACTS FACILITIES LIST**

CORRACTS: List of facilities where Resource Conservation and Recovery Act Corrective Action Program used to investigate and remediate hazardous releases

Agency Version Date: 04/13/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 202-566-1667
Planned Next Contact: 10/05/2021	Most Recent Contact: 07/09/2021

HIST CORRACTS 2: List of facilities where Resource Conservation and Recovery Act Corrective Action Program used to investigate and remediate hazardous releases that are no longer in current agency list.

Agency Version Date: 10/12/2018	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Annually	Agency Contact: 202-566-1667
Planned Next Contact: 09/03/2021	Most Recent Contact: 06/08/2021

**FEDERAL DELISTED NPL SITE LIST**

DELISTED NPL: National Priority List of sites that were delisted and no longer require action

Agency Version Date: 02/12/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

DELISTED PROPOSED NPL: Sites that have been delisted from the proposed National Priority List

Agency Version Date: 02/12/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

SEMS\_DELETED NPL: All Deleted National Priority List Sties

Agency Version Date: 02/12/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

**FEDERAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS**

EPA LF MOP: Sites in the EPA Landfill Methane Outreach Program

Agency Version Date: 04/09/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 10/04/2021	Most Recent Contact: 07/06/2021

**FEDERAL ERNS LIST**

ERNS: Emergency Response Notification System records of reported spills

Agency Version Date: 02/04/2021	Agency: National Response Center United States Coast Guard
Agency Update Frequency: Annually	Agency Contact: N/R
Planned Next Contact: 07/30/2021	Most Recent Contact: 05/03/2021

**FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES**

FED E C: Federal listing of remediation sites with engineering controls

Agency Version Date: 06/07/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: 800-424-9346
Planned Next Contact: 09/01/2021	Most Recent Contact: 06/07/2021

**FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES (cont.)**

FED I C: Federal listing of remediation sites with institutional controls

Agency Version Date: 06/07/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: 800-424-9346
Planned Next Contact: 09/01/2021	Most Recent Contact: 06/07/2021

RCRA IC\_EC: Sites with institutional or engineering controls related to Resource Conservation and Recovery Act

Agency Version Date: 05/18/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: 215-814-2469
Planned Next Contact: 08/16/2021	Most Recent Contact: 05/18/2021

**FEDERAL RCRA GENERATORS LIST**

HIST RCRA\_CESQG: List of Resource Conservation and Recovery Act licensed conditionally exempt small quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Annually	Agency Contact: 215-814-2469
Planned Next Contact: 09/03/2021	Most Recent Contact: 06/08/2021

HIST RCRA\_LQG: List of Resource Conservation and Recovery Act licensed large quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Annually	Agency Contact: 215-814-2469
Planned Next Contact: 09/03/2021	Most Recent Contact: 06/08/2021

HIST RCRA\_NONGEN: List of Resource Conservation and Recovery Act licensed non-generators that are no longer in current agency list.

Agency Version Date: 10/12/2018	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Annually	Agency Contact: 215-814-2469
Planned Next Contact: 09/03/2021	Most Recent Contact: 06/08/2021

HIST RCRA\_SQG: List of Resource Conservation and Recovery Act licensed small quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Annually	Agency Contact: 215-814-2469
Planned Next Contact: 09/03/2021	Most Recent Contact: 06/08/2021

RCRA\_LQG: Resource Conservation and Recovery Act listing of licensed large quantity generators

Agency Version Date: 04/13/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 215-814-2469
Planned Next Contact: 10/05/2021	Most Recent Contact: 07/09/2021

RCRA\_NONGEN: Resource Conservation and Recovery Act listing of licensed non-generators

Agency Version Date: 04/13/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: 215-814-2469
Planned Next Contact: 10/05/2021	Most Recent Contact: 07/09/2021

RCRA\_SQG: Resource Conservation and Recovery Act listing of licensed small quantity generators

Agency Version Date: 04/13/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 215-814-2469
Planned Next Contact: 10/05/2021	Most Recent Contact: 07/09/2021



**FEDERAL RCRA GENERATORS LIST (cont.)**

RCRA\_VSQG: Resource Conservation and Recovery Act listing of licensed very small quantity generators.

Agency Version Date: 04/13/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: 215-814-2469
Planned Next Contact: 10/05/2021	Most Recent Contact: 07/09/2021

**FEDERAL NPL SITE LIST**

NPL: List of priority contaminated sites among identified releases or threatened releases of hazardous substances pollutants or contaminants nationally

Agency Version Date: 02/12/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

NPL EPA R1 GIS: Geospatial data for the Environmental Protection Agency Region 1 National Priority List subject to environmental regulation

Agency Version Date: 02/12/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 202-566-2132
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

NPL EPA R3 GIS: Geospatial data for the Environmental Protection Agency Region 3 National Priority List subject to environmental regulation

Agency Version Date: 02/12/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 202-566-2132
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

NPL EPA R6 GIS: Geospatial data for the Environmental Protection Agency Region 6 National Priority List subject to environmental regulation

Agency Version Date: 02/12/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 202-566-2132
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

NPL EPA R8 GIS: Geospatial data for the Environmental Protection Agency Region 8 National Priority List subject to environmental regulation

Agency Version Date: 02/12/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 202-566-2132
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

NPL EPA R9 GIS: Geospatial data for the Environmental Protection Agency Region 9 National Priority List subject to environmental regulation

Agency Version Date: 02/12/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 202-566-2132
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

PART NPL: Sites that are a part of an National Priority List site referred to as the parent site

Agency Version Date: 02/12/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

**FEDERAL NPL SITE LIST (cont.)**

PROPOSED NPL: Sites that have been proposed for the National Priority List

Agency Version Date: 02/12/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

SEMS\_FINAL NPL: All Included National Priority List Sites

Agency Version Date: 02/12/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

SEMS\_PROPOSED NPL: All Proposed National Priority List Sites

Agency Version Date: 02/12/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

**STATE AND TRIBAL REGISTERED STORAGE TANK LISTS**

FEMA UST: FEMA underground storage tank listing

Agency Version Date: 04/16/2021	Agency: FEMA
Agency Update Frequency: Varies	Agency Contact: 202-212-5283
Planned Next Contact: 10/08/2021	Most Recent Contact: 07/13/2021

INDIAN UST R1: Underground Storage Tanks on Indian Land in EPA Region 1

Agency Version Date: 04/29/2021	Agency: U.S. Environmental Protection Agency Region 1
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 07/26/2021	Most Recent Contact: 04/29/2021

INDIAN UST R10: Underground Storage Tanks on Indian Land in EPA Region 10

Agency Version Date: 05/27/2021	Agency: U.S. Environmental Protection Agency Region 10
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 08/23/2021	Most Recent Contact: 05/27/2021

INDIAN UST R2: Underground Storage Tanks on Indian Land in EPA Region 2

Agency Version Date: 05/05/2021	Agency: U.S. Environmental Protection Agency Region 2
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 07/30/2021	Most Recent Contact: 05/05/2021

INDIAN UST R4: Underground Storage Tanks on Indian Land in EPA Region 4

Agency Version Date: 05/27/2021	Agency: U.S. Environmental Protection Agency Region 4
Agency Update Frequency: Semi Annually	Agency Contact: 855-246-3642
Planned Next Contact: 08/23/2021	Most Recent Contact: 05/27/2021

INDIAN UST R5: Underground Storage Tanks on Indian Land in EPA Region 5

Agency Version Date: 02/15/2021	Agency: U.S. Environmental Protection Agency Region 5
Agency Update Frequency: Varies	Agency Contact: 855-246-3642
Planned Next Contact: 08/10/2021	Most Recent Contact: 05/14/2021

**STATE AND TRIBAL REGISTERED STORAGE TANK LISTS (cont.)**

INDIAN UST R6: Underground Storage Tanks on Indian Land in EPA Region 6

Agency Version Date: 12/16/2020	Agency: U.S. Environmental Protection Agency Region 6
Agency Update Frequency: Semi Annually	Agency Contact: 855-246-3642
Planned Next Contact: 09/08/2021	Most Recent Contact: 06/11/2021

INDIAN UST R7: Underground Storage Tanks on Indian Land in EPA Region 7

Agency Version Date: 05/14/2021	Agency: U.S. Environmental Protection Agency Region 7
Agency Update Frequency: Varies	Agency Contact: 855-246-3642
Planned Next Contact: 08/10/2021	Most Recent Contact: 05/14/2021

INDIAN UST R8: Underground Storage Tanks on Indian Land in EPA Region 8

Agency Version Date: 04/29/2021	Agency: U.S. Environmental Protection Agency Region 8
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 07/26/2021	Most Recent Contact: 04/29/2021

INDIAN UST R9: Underground Storage Tanks on Indian Land in EPA Region 9

Agency Version Date: 04/29/2021	Agency: U.S. Environmental Protection Agency Region 9
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 07/26/2021	Most Recent Contact: 04/29/2021

AST - TN: Aboveground Storage Tank (AST) extracted from the Tanks Database

Agency Version Date: 03/29/2021	Agency: Department of Environment & Conservation
Agency Update Frequency: No Longer Maintained	Agency Contact: (615) 532-0945
Planned Next Contact: 09/17/2021	Most Recent Contact: 06/24/2021

HIST UST - TN: No longer registered Underground Storage Tanks

Agency Version Date: 04/10/2019	Agency: Department of Environment & Conservation
Agency Update Frequency: Varies	Agency Contact: (615) 532-0945
Planned Next Contact: 10/08/2021	Most Recent Contact: 07/12/2021

UST - TN: Registered Underground Storage Tanks

Agency Version Date: 05/24/2021	Agency: Department of Environment & Conservation
Agency Update Frequency: Varies	Agency Contact: (615) 532-0945
Planned Next Contact: 08/19/2021	Most Recent Contact: 05/24/2021

**STATE AND TRIBAL BROWNFIELD SITES**

TRIBAL BROWNFIELDS: Tribal brownfield remediation site listing

Agency Version Date: 02/10/2017	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: No Longer Maintained	Agency Contact: 855-246-3642
Planned Next Contact: 09/24/2021	Most Recent Contact: 06/29/2021

BROWNFIELDS - TN: List of Brownfield sites

Agency Version Date: 04/22/2021	Agency: Department of Environment & Conservation
Agency Update Frequency: Varies	Agency Contact: (615)532-3020
Planned Next Contact: 10/14/2021	Most Recent Contact: 07/19/2021

## STATE INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

### E C - TN: Sites with Engineering Controls

Agency Version Date: 04/23/2021  
Agency Update Frequency: Varies  
Planned Next Contact: 07/21/2021

Agency: Department of Environment & Conservation  
Agency Contact: (615) 532-0916  
Most Recent Contact: 04/23/2021

### I C - TN: Sites with Institutional Controls

Agency Version Date: 04/23/2021  
Agency Update Frequency: Varies  
Planned Next Contact: 07/21/2021

Agency: Department of Environment & Conservation  
Agency Contact: (615) 532-0916  
Most Recent Contact: 04/23/2021

## STATE AND TRIBAL LEAKING STORAGE TANK LISTS

### INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land in EPA Region 1

Agency Version Date: 04/29/2021  
Agency Update Frequency: Quarterly  
Planned Next Contact: 07/26/2021

Agency: U.S. Environmental Protection Agency Region 1  
Agency Contact: 855-246-3642  
Most Recent Contact: 04/29/2021

### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land in EPA Region 10

Agency Version Date: 05/27/2021  
Agency Update Frequency: Quarterly  
Planned Next Contact: 08/23/2021

Agency: U.S. Environmental Protection Agency Region 10  
Agency Contact: 855-246-3642  
Most Recent Contact: 05/27/2021

### INDIAN LUST R2: Leaking Underground Storage Tanks on Indian Land in EPA Region 2

Agency Version Date: 05/05/2021  
Agency Update Frequency: Quarterly  
Planned Next Contact: 07/30/2021

Agency: U.S. Environmental Protection Agency Region 2  
Agency Contact: 855-246-3642  
Most Recent Contact: 05/05/2021

### INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land in EPA Region 4

Agency Version Date: 05/27/2021  
Agency Update Frequency: Semi Annually  
Planned Next Contact: 08/23/2021

Agency: U.S. Environmental Protection Agency Region 4  
Agency Contact: 855-246-3642  
Most Recent Contact: 05/27/2021

### INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land in EPA Region 5

Agency Version Date: 05/14/2021  
Agency Update Frequency: Varies  
Planned Next Contact: 08/10/2021

Agency: U.S. Environmental Protection Agency Region 5  
Agency Contact: 855-246-3642  
Most Recent Contact: 05/14/2021

### INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land in EPA Region 6

Agency Version Date: 05/18/2021  
Agency Update Frequency: Quarterly  
Planned Next Contact: 08/12/2021

Agency: U.S. Environmental Protection Agency Region 6  
Agency Contact: 855-246-3642  
Most Recent Contact: 05/18/2021

### INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land in EPA Region 7

Agency Version Date: 05/14/2021  
Agency Update Frequency: Varies  
Planned Next Contact: 08/10/2021

Agency: U.S. Environmental Protection Agency Region 7  
Agency Contact: 855-246-3642  
Most Recent Contact: 05/14/2021



## STATE AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land in EPA Region 8

Agency Version Date: 05/18/2021  
Agency Update Frequency: Quarterly  
Planned Next Contact: 08/16/2021

Agency: U.S. Environmental Protection Agency Region 8  
Agency Contact: 855-246-3642  
Most Recent Contact: 05/18/2021

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land in EPA Region 9

Agency Version Date: 04/29/2021  
Agency Update Frequency: Quarterly  
Planned Next Contact: 07/26/2021

Agency: U.S. Environmental Protection Agency Region 9  
Agency Contact: 855-246-3642  
Most Recent Contact: 04/29/2021

HIST LUST CO - TN: Leaking Underground Storage tank sites listed in the Columbia Office

Agency Version Date: 06/03/2021  
Agency Update Frequency: No Longer Maintained  
Planned Next Contact: 08/30/2021

Agency: Department of Environmental Conservation Columbia Field Office  
Agency Contact: (615) 532-0945  
Most Recent Contact: 06/03/2021

LUST - TN: Fund Eligible Leaking Underground Storage Tank

Agency Version Date: 05/04/2021  
Agency Update Frequency: Quarterly  
Planned Next Contact: 07/30/2021

Agency: Department of Environment & Conservation  
Agency Contact: (615) 532-0945  
Most Recent Contact: 05/04/2021

LUST TRUST - TN: Petroleum release sites that are eligible for reimbursement

Agency Version Date: 03/02/2021  
Agency Update Frequency: Varies  
Planned Next Contact: 09/15/2021

Agency: Department of Environment & Conservation  
Agency Contact: (615) 532-0945  
Most Recent Contact: 06/21/2021

LUST JO - TN: Leaking Underground Storage tank sites listed in the Johnson City Office

Agency Version Date: 03/19/2019  
Agency Update Frequency: No Longer Maintained  
Planned Next Contact: 09/29/2021

Agency: Department of Environmental Conservation Johnson City Field Office  
Agency Contact: (615) 532-0945  
Most Recent Contact: 07/02/2021

## STATE- AND TRIBAL - EQUIVALENT CERCLIS

SHWS - TN: Promulgated Sites

Agency Version Date: 04/23/2021  
Agency Update Frequency: Varies  
Planned Next Contact: 07/21/2021

Agency: Department of Environment & Conservation  
Agency Contact: (615) 532-0240  
Most Recent Contact: 04/23/2021

## STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

SWF/LF - TN: State Landfill locations

Agency Version Date: 06/07/2021  
Agency Update Frequency: Varies  
Planned Next Contact: 09/01/2021

Agency: Department of Environment & Conservation  
Agency Contact: (615) 532-0780  
Most Recent Contact: 06/07/2021

## STATE AND TRIBAL VOLUNTARY CLEANUP SITES

VCP - TN: Voluntary Cleanup Oversight and Assistance Program Sites

Agency Version Date: 04/22/2021  
Agency Update Frequency: Varies  
Planned Next Contact: 10/14/2021

Agency: Department of Environment & Conservation  
Agency Contact: (615)532-3020  
Most Recent Contact: 07/19/2021

## LOCAL BROWNFIELD LISTS

BROWNFIELDS-ACRES: EPA Brownfields Assessment, Cleanup and Redevelopment Exchange System.

Agency Version Date: 12/28/2020  
Agency Update Frequency: Quarterly  
Planned Next Contact: 09/17/2021

Agency: U.S. Environmental Protection Agency  
Agency Contact: 855-246-3642  
Most Recent Contact: 06/23/2021

FED BROWNFIELDS: Federal brownfield remediation sites

Agency Version Date: 05/05/2021  
Agency Update Frequency: Semi Annually  
Planned Next Contact: 07/30/2021

Agency: U.S. Environmental Protection Agency  
Agency Contact: 855-246-3642  
Most Recent Contact: 05/05/2021

## LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES

FED CDL: The U.S. Department of Justice listing of clandestine drug lab locations

Agency Version Date: 04/26/2021  
Agency Update Frequency: Quarterly  
Planned Next Contact: 07/23/2021

Agency: U.S. Department of Justice  
Agency Contact: 202-307-7610  
Most Recent Contact: 04/26/2021

US HIST CDL: The U.S. Department of Justice historical listing of clandestine drug lab locations

Agency Version Date: 08/05/2019  
Agency Update Frequency: Quarterly  
Planned Next Contact: 08/25/2021

Agency: U.S. Department of Justice  
Agency Contact: 202-307-7610  
Most Recent Contact: 05/31/2021

CDL - TN: Methamphetamine Contaminated Properties

Agency Version Date: 06/14/2021  
Agency Update Frequency: Varies  
Planned Next Contact: 09/09/2021

Agency: Department of Environment & Conservation  
Agency Contact: (865) 594-5444  
Most Recent Contact: 06/14/2021

## RECORDS OF EMERGENCY RELEASE REPORTS

HMIRS (DOT): Hazardous Material spills reported by the Department of Transportation

Agency Version Date: 04/02/2021  
Agency Update Frequency: Varies  
Planned Next Contact: 09/27/2021

Agency: U.S. Department of Transportation  
Agency Contact: (202) 366-4996  
Most Recent Contact: 06/29/2021

SPILLS - TN: List of reported chemical spills from the Division of Solid Waste Management

Agency Version Date: 11/02/2017  
Agency Update Frequency: No Longer Maintained  
Planned Next Contact: 08/13/2021

Agency: Department of Environment & Conservation  
Agency Contact: (615) 532-0240  
Most Recent Contact: 05/18/2021

SPILLS 2 - TN: List of spill complaints from the Division of Solid Waste Management

Agency Version Date: 11/20/2020  
Agency Update Frequency: Quarterly  
Planned Next Contact: 08/12/2021

Agency: Department of Environment & Conservation  
Agency Contact: (615) 532-0240  
Most Recent Contact: 05/17/2021

**LOCAL LAND RECORDS**

LIENS 2: Comprehensive Environmental Response Compensation and Liability Act sites with liens

Agency Version Date: 05/11/2017	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: No Longer Maintained	Agency Contact: 800-424-9346
Planned Next Contact: 09/23/2021	Most Recent Contact: 06/28/2021

**LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES**

TRIBAL ODI: Indian land open dump inventory for all regions

Agency Version Date: 06/04/2021	Agency: Indian Health Service
Agency Update Frequency: Varies	Agency Contact: 301-443-3593
Planned Next Contact: 08/31/2021	Most Recent Contact: 06/04/2021

**OTHER ASCERTAINABLE RECORDS**

ALT FUELING: Alternative Fueling Stations by fuel type.

Agency Version Date: 04/12/2021	Agency: U.S. Department of Energy
Agency Update Frequency: Quarterly	Agency Contact: N/R
Planned Next Contact: 10/04/2021	Most Recent Contact: 07/08/2021

AST PBS: Bulk petroleum terminals with a total bulk storage capacity of 50,000 barrels or more.

Agency Version Date: 06/04/2021	Agency: Department of Homeland Security
Agency Update Frequency: Quarterly	Agency Contact: 202-853-5361
Planned Next Contact: 08/31/2021	Most Recent Contact: 06/04/2021

CDC HAZDAT: The Agency for Toxic Substances and Disease Registry's Hazardous Substance Release/Health Effects Database.

Agency Version Date: 08/21/2020	Agency: Agency for Toxic Substances and Disease Registry
Agency Update Frequency: Varies	Agency Contact: 770-488-6399
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

CORRECTIVE ACTIONS\_2020: In 2009 the EPA created the 2020 Corrective Action Baseline list of contaminated or potentially contaminated sites with a cleanup goal to complete 95% by the year 2020. The names on the list indicate the facility owners who may or may not have caused the contamination.

Agency Version Date: 12/21/2018	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: No Longer Maintained	Agency Contact: N/R
Planned Next Contact: 07/30/2021	Most Recent Contact: 05/04/2021

DOD: Department of Defense sites

Agency Version Date: 02/12/2021	Agency: Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: (800) 424-9346
Planned Next Contact: 08/06/2021	Most Recent Contact: 05/11/2021

EPA FUELS: List of companies and facilities registered to participate in EPA Fuel Programs under Title 40 CFR Part 80.

Agency Version Date: 05/18/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: (202) 564-2307
Planned Next Contact: 08/16/2021	Most Recent Contact: 05/18/2021

FUDS: Defense sites that require cleanup

Agency Version Date: 05/19/2021	Agency: US Army Corps of Engineering
Agency Update Frequency: Varies	Agency Contact: (202) 761-0011
Planned Next Contact: 08/16/2021	Most Recent Contact: 05/19/2021

## OTHER ASCERTAINABLE RECORDS (cont.)

HIST DOD: Department of Defense historical sites

Agency Version Date: 08/17/2018  
Agency Update Frequency: No Longer Maintained  
Planned Next Contact: 08/06/2021

Agency: Environmental Protection Agency  
Agency Contact: (800) 424-9346  
Most Recent Contact: 05/11/2021

NPL AOC: Areas of Concern related to NPL remediation sites

Agency Version Date: 02/12/2021  
Agency Update Frequency: Quarterly  
Planned Next Contact: 08/06/2021

Agency: Environmental Protection Agency  
Agency Contact: N/R  
Most Recent Contact: 05/11/2021

NPL LIENS: National Priority List of sites with Liens

Agency Version Date: 02/12/2021  
Agency Update Frequency: Varies  
Planned Next Contact: 08/06/2021

Agency: U.S. Environmental Protection Agency  
Agency Contact: 703-603-8867  
Most Recent Contact: 05/11/2021

PADS: Listing of generators transporters commercial store/ brokers and disposers of PCB

Agency Version Date: 05/11/2021  
Agency Update Frequency: Varies  
Planned Next Contact: 08/06/2021

Agency: Environmental Protection Agency  
Agency Contact: (703) 308-8404  
Most Recent Contact: 05/11/2021

PCB TRANSFORMER: Disposal and Storage of Polychlorinated Biphenyl (PCB) Waste

Agency Version Date: 05/24/2021  
Agency Update Frequency: Quarterly  
Planned Next Contact: 08/20/2021

Agency: Environmental Protection Agency  
Agency Contact: (703) 308-8404  
Most Recent Contact: 05/24/2021

VAPOR: EPA Vapor Intrusion Database

Agency Version Date: 03/19/2021  
Agency Update Frequency: Varies  
Planned Next Contact: 09/13/2021

Agency: U.S. Environmental Protection Agency  
Agency Contact: 855-246-3642  
Most Recent Contact: 06/15/2021

DRYCLEANERS - TN: Dry Cleaning Facilities

Agency Version Date: 05/25/2021  
Agency Update Frequency: Varies  
Planned Next Contact: 08/20/2021

Agency: Department of Environment & Conservation  
Agency Contact: (615) 532-0900  
Most Recent Contact: 05/25/2021



**SUBJECT PROPERTY ADDRESS:**

Site on Middlebrook Pike  
 Middlebrook Pike  
 Knoxville, TN 37931

**SUBJECT PROPERTY COORDINATES:**

Latitude(North):	35.943941 - 35°56'38.2"
Longitude(West):	-84.099996 - -84°5'60"
Universal Transverse Mercator:	Zone 16N
UTM X (Meters):	761590.29
UTM Y (Meters):	3981618.63

**ELEVATION:**

Elevation: 1080 ft. above sea level

**USGS TOPOGRAPHIC MAP:**

Subject Property Map:	35084-H1 Bearden, TN
Most Recent Revision:	2019

**GEOHYDROLOGY DATA:**

**SUBJECT PROPERTY TOPOGRAPHY:**

Topographic Gradient: Northeast

**DFIRM FLOOD ZONE:**

	DFIRM Flood
Subject Property County:	Electronic Data:
KNOX	Yes - refer to the PROPERTY PROXIMITY MAP and AREA MAP
Flood Plain Panel at Subject Property:	47093C
Additional Panels in search area:	No available data

**FEMA FLOOD ZONE:**

	FEMA Flood
Subject Property County:	Electronic Data:
KNOX	No available data.
Flood Plain Panel at Subject Property:	No available data
Additional Panels in search area:	No available data

**NATIONAL WETLAND INVENTORY:**

	NWI Electronic
<u>NWI Quad at Subject Property:</u>	<u>Data Coverage:</u>
Bearden	Yes - refer to the Geological Findings Map

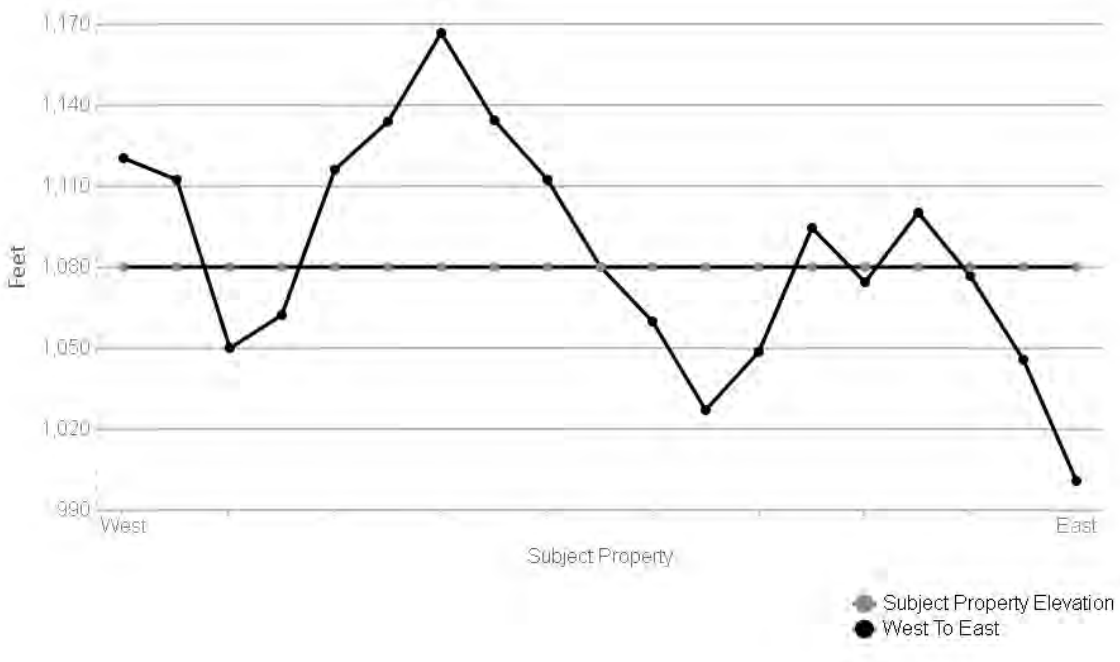
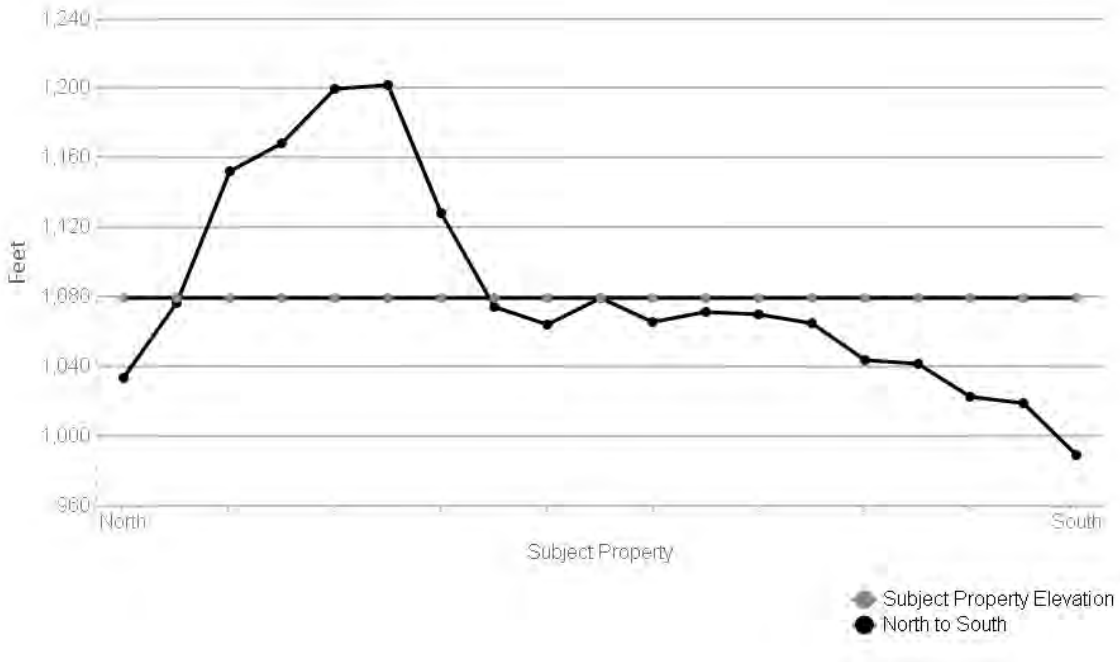
**LITHOSTRATIGRAPHIC INFORMATION:**

**ROCK STRATIGRAPHIC UNIT:**

**GEOLOGIC AGE IDENTIFICATION**

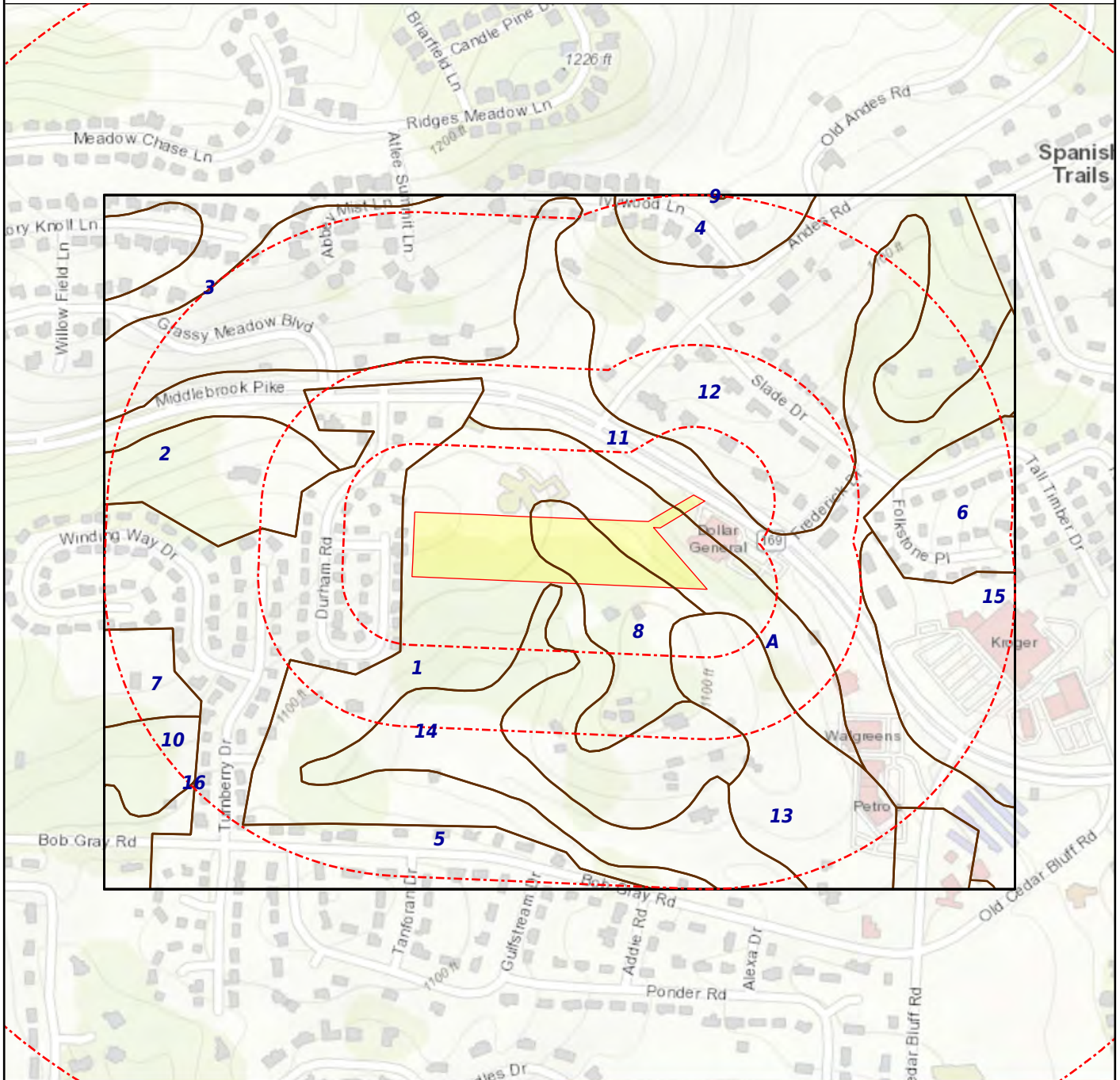
Era: Paleozoic	Category: 126 O Ordovician
System: Ordovician	
Series: Ordovician	
Code: O	

**SURROUNDING ELEVATION PROFILES:**



SUBJECT NAME: Site on Middlebrook Pike  
ADDRESS: Middlebrook Pike, Knoxville, TN, 37931  
LAT/LONG: 35.943941 / -84.099996

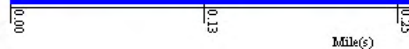
PREPARED FOR: Professional Consulting & Development, ...  
ORDER #: 58181  
REPORT DATE: July 20, 2021



+ Subject Property

- SSURGO

- STATSGO





**SOIL COMPOSITION IN GENERAL AREA OF SUBJECT PROPERTY:**

Agency source: Soil Conservation Service, US Department of Agriculture

**SOIL MAP ID 1**

USDA Soil Name	Minvale, Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-9	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-5.5
2	9-60	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-5.5

**SOIL MAP ID 2**

USDA Soil Name	Dewey, Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-2	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6
2	2-9	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6
3	9-66	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4.23-14.11	4.5-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	9-66	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6

**SOIL MAP ID 3**

USDA Soil Name	Fullerton, Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-20	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-5.5
2	20-60	Clay	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials,	FINE-GRAINED SOILS, Silts and clays, (liquid limit is 50% or more), Elastic Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and	4.23-14.11	4.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	20-60	Clay	1984.	on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-5.5

**SOIL MAP ID 4**

USDA Soil Name	Fullerton, Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-20	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-5.5
2	20-60	Clay	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	FINE-GRAINED SOILS, Silts and clays, (liquid limit is 50% or more), Elastic Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4.23-14.11	4.5-5.5



Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	20-60	Clay	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4.23-14.11	4.5-5.5

**SOIL MAP ID 5**

USDA Soil Name	Dewey, Series
USDA Soil Texture	Silt loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-2	Silt loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6
2	2-9	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size	4.23-14.11	4.5-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	2-9	Clay loam	of State Highway and Transportation Officials, 1984.	distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6
3	9-66	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6

**SOIL MAP ID 6**

USDA Soil Name	Fullerton, Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-20	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	20-60	Clay	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is 50% or more), Elastic Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-5.5

**SOIL MAP ID 7**

USDA Soil Name	Dewey, Series
USDA Soil Texture	Silt loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-6	Silt loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6
2	6-72	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction	4.23-14.11	4.5-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	6-72	Clay	construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6

**SOIL MAP ID 8**

USDA Soil Name	Fullerton, Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-20	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-5.5
2	20-60	Clay	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is 50% or more), Elastic Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-5.5



**SOIL MAP ID 9**

USDA Soil Name	Etowah, Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6
2	10-64	Clay loam	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6

**SOIL MAP ID 10**

USDA Soil Name	Dewey, Series
USDA Soil Texture	Silt loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-6	Silt loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6
2	6-72	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6

**SOIL MAP ID 11**

USDA Soil Name	Etowah, Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4.23-14.11	4.5-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6
2	10-64	Clay loam	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6

**SOIL MAP ID 12**

USDA Soil Name	Minvale, Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-9	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	9-60	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-5.5

**SOIL MAP ID 13**

USDA Soil Name	Dewey, Series
USDA Soil Texture	Silt loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-6	Silt loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6
2	6-72	Clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction	4.23-14.11	4.5-6



Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	6-72	Clay	construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6

**SOIL MAP ID 14**

USDA Soil Name	Etowah, Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6
2	10-64	Clay loam	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6

**SOIL MAP ID 15**

USDA Soil Name	Minvale, Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-9	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-5.5
2	9-60	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-5.5

**SOIL MAP ID 16**

USDA Soil Name	Etowah, Series
USDA Soil Texture	Loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6
2	10-64	Clay loam	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-6

**SOIL MAP ID A**

USDA Soil Name	Fullerton, Series
USDA Soil Texture	Silt loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Silt loam	No data	No data	4.2343-14.1143	4.5-5.5
2	15-19	Silty clay loam	No data	No data	4.2343-14.1143	4.5-5.5
3	19-90	No data	No data	No data	4.2343-14.1143	4.5-5.5

**WATER AGENCY DATA:**

**WATER AGENCY SEARCH DISTANCES:**

<u>DATABASE:</u>	<u>SEARCH DISTANCE (MILES):</u>
NWIS	0.000
OIL & GAS WELLS - TN	1.000
PWS	0.000

<u>DISTANCE TO NEAREST:</u>	<u>DISTANCE:</u>
NWIS	N/A
OIL & GAS WELLS - TN	N/A
PWS	N/A

**FEDERAL WATER AGENCY DATA SUMMARY:**

<u>MAP ID:</u>	<u>WELL ID:</u>	<u>LOCATION FROM SP:</u>
No Wells Found	N/R	N/R

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

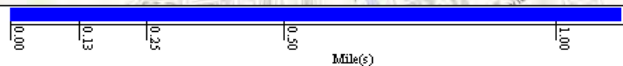
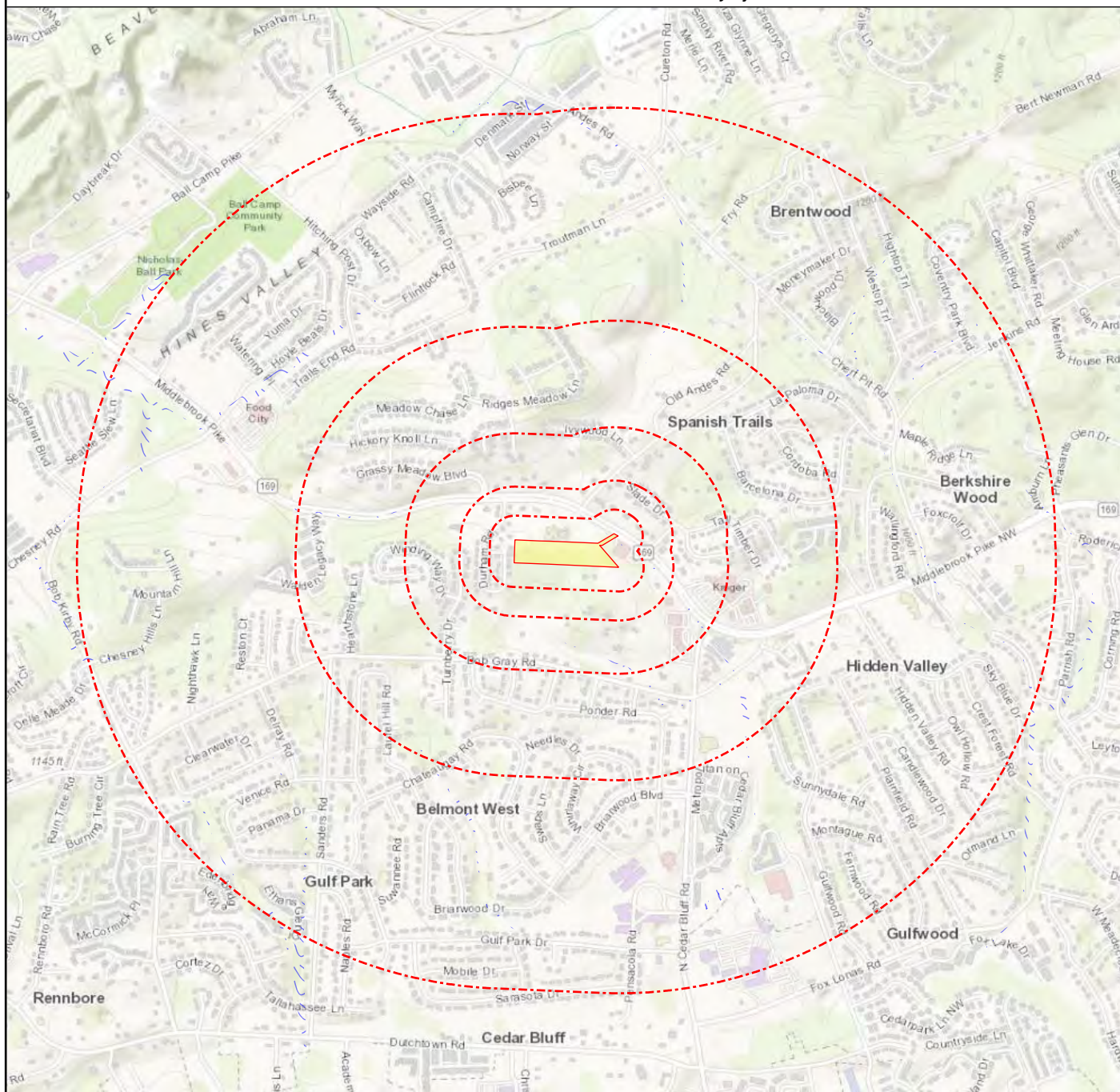
**STATE/LOCAL WATER AGENCY DATA SUMMARY:**

<u>MAP ID:</u>	<u>WELL ID:</u>	<u>LOCATION FROM SP:</u>
No Wells Found	N/R	N/R



SUBJECT NAME: Site on Middlebrook Pike  
 ADDRESS: Middlebrook Pike, Knoxville, TN, 37931  
 LAT/LONG: 35.943941 / -84.099996

PREPARED FOR: Professional Consulting & Development, Inc.  
 ORDER #: 58181  
 REPORT DATE: July 20, 2021



- + Subject Property
  - + NWIS (No Data)
- X Basins (No Data)
  - Oil & Gas Wells (No Data)
- Geological Site (No Data)
  - ||| Wetlands
- + NWI

**RADON DATA:**

STATE SOURCE: No Available Data

FEDERAL AREA RADON INFORMATION FOR: 37931

NUMBER OF SAMPLE SITES: 2

<u>Area:</u>	<u>Average Activity:</u>	<u>% &lt;4 pCi/L:</u>	<u>% 4-20 pCi/L:</u>	<u>% &gt;20 pCi/L:</u>
first floor	0.7 pCi/L	100%	0%	0%

FEDERAL EPA RADON ZONE FOR KNOX COUNTY: Zone = 1

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 < 2 pCi/L

## HIST PWS ENF

Historical Public Water Supply locations with Enforcement Violations

Environmental Protection Agency

(800) 426-4791

List of Safe Drinking Water Information Systems (SDWIS) with enforcement violations that are no longer in current agency list.

## NWIS

National Water Information Systems

United States Geological Society

(703) 648-5953

Information on all water resources for the United States. This database contains all current and historical data for the nation.

## PWS

Public Water Supply

Environmental Protection Agency

(800) 426-4791

Safe drinking water information Systems

## PWS ENF

Public Water Supply locations with Enforcement Violations

Environmental Protection Agency

(800) 426-4791

Safe drinking water information Systems with enforcement violations

## FLOOD Q3

Flood data

Environmental Protection Agency

(202) 566-1667

Q3 Flood Data

## HYDROLOGIC UNIT

Hydrologic Unit Maps

USGS

The United States Geological Survey created a hierarchical system of hydrologic units originally called regions, sub-regions, accounting units, and cataloging units. Each unit was assigned a unique Hydrologic Unit Code (HUC). As first implemented the system had 21 regions, 221 subregions, 378 accounting units, and 2,264 cataloging units. Over time the system was changed and expanded. As of 2010 there are six levels in the hierarchy, represented by hydrologic unit codes from 2 to 12 digits long, called regions, subregions, basins, subbasins, watersheds, and subwatersheds. The table below describes the system's hydrologic unit levels and their characteristics, along with example names and codes.

## WETLANDS NWI

National Wetland Inventory

U.S. Fish and Wildlife Service

(703) 358-2171

Wetland Inventory for the United States

## WETLANDS - TN

Wetlands

Tennessee Spatial Data Server

(931) 528-6481

Wetlands Inventory

## SSURGO

Detailed Soil Data Map

Natural Resources Conservation Service: U.S. Department of Agriculture  
(202) 690-4985

Detailed Soil Data Map

## STATSGO & MUI

General Soil Data Map

Natural Resources Conservation Service: U.S. Department of Agriculture  
(202) 690-4985

General Soil Data Map

## USGS GEOLOGIC AGE

USGS Digital Data Series DDS

Natural Resources Conservation Service: U.S. Department of Agriculture  
(202) 690-4985

USGS Digital Data Series DDS: Geologic Age and Rock Stratigraphic Unit

## OIL & GAS WELLS - TN

Oil and Gas Wells

Department of Environment & Conservation

888-891-8332

Locations of oil and gas wells

## RADON

National Radon Database

USGS

703-605-6008

A study of the EPA/State Residential Radon Survey and the National Residential Radon Survey.

## RADON EPA

RADON EPA

United States Environmental Protection Agency

EPA list of Radon zones

## AIRPORT FACILITIES

Airport landing facilities

Federal Aviation Administration

(866) 835-5322

Airport landing facilities

## BASINS

Better Assessment Science Integrating point & Non-point Sources

U.S. Environmental Protection Agency

855-246-3642

Integrated geographical information system national watershed data and environmental assessment known as Better Assessment Science Integrating point & Non-point Sources



## DIGITAL OBSTACLE

Obstacles of interest to aviation users

Federal Aviation Administration

855-379-6518

The Digital Obstacle File describes all known obstacles of interest to aviation users in the U.S. with limited coverage of the Pacific the Caribbean Canada and Mexico. The obstacles are assigned unique numerical identifiers; accuracy codes and listed in order of ascending latitude within each state or area by FAA Region.

## EPICENTERS

National Geographical Data Center

National Geographical Data Center

303-497-6826

List of recent and historic earthquakes and information.

## FLOOD DFIRM

National Flood Hazard Layer Database

Federal Emergency Management Agency

The National Flood Hazard Layer Database (NFHL) is a computer database that contains the flood hazard map information from FEMA's Flood Map Modernization program. These map data are from Digital Flood Insurance Rate Map (DFIRM) databases and Letters of Map Revision.

APPENDIX E  
TRANSACTION SCREEN QUESTIONNAIRE  
USER QUESTIONNAIRE

Description of Site Address

Site on 9200 Block of Middlebrook Pike,  
Knoxville, TN. Parcel ID Numbers 105-057,  
105-058 and 105-05801.

Question	Owner <sup>1</sup>	Occupants (if applicable)	Observed During Site Visit				
1a. Is the property used for an industrial use?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	No
1b. Is any adjoining property used for an industrial use?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	No
2a. Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	No
2b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used for an industrial use in the past?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	No
3a. Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	No
3b. Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	No
4a. Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	No
4b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	No
5a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	No

Question	Owner <sup>a</sup>	Occupants (if applicable)			Observed During Site Visit			
		Yes	No	Unk	Yes	No		
5b. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No
5a. Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No
6b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No
7a. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?	Yes	No	Unk	Yes	No	Unk	Yes	No
7b. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?	Yes	No	Unk	Yes	No	Unk	Yes	No
8a. Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes	No	Unk	Yes	No	Unk	Yes	No
8b. Did you observe evidence or do you have any prior knowledge that there have been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes	No	Unk	Yes	No	Unk	Yes	No
9a. Is there currently any stained soil on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
9b. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
10b. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
11a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
11b. Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
12a. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No



Question		Owner <sup>7</sup>	Occupants (if applicable)			Observed During Site Visit		
			Yes	No	Unk	Yes	No	
12b. Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
13a. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?	Yes	No	Unk	Yes	No	Unk	Yes	No
13b. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?	Yes	No	Unk	Yes	No	Unk	Yes	No
14. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	Unk		
15a. Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	Unk		
15b. Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	Unk		
15c. Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	Unk		
15d. Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	Unk		
16. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?	Yes	No	Unk	Yes	No	Unk		
17. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?	Yes	No	Unk	Yes	No	Unk		
18a. Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?	Yes	No	Unk	Yes	No	Unk	Yes	No

Question	Yes	Owner <sup>a</sup>	Link	Occupants (if applicable)			Observed During Site Visit	
				Yes	No	Link	Yes	No
18b. Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?	Yes	No	Link	Yes	No	Link	Yes	No
19. Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?	Yes	No	Link	Yes	No	Link	Yes	No
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	Yes	No	Link	Yes	No	Link	Yes	No

Government Records/Historical Sources Inquiry

(See guide, Section 10)

21. Do any of the following Federal government record systems list the property or any property within the search distance noted below:

Record System	Approximate Minimum Search Distance miles (kilometers)	Yes	No
Federal NPL site list	1.0 (1.6)	Yes	No
Federal CERCLIS list	0.5 (0.8)	Yes	No
Federal CERCLIS NFRAP site list	property and adjoining properties	Yes	No
Federal RCRA CORRACTS facilities list	1.0 (1.6)	Yes	No
Federal RCRA non-CORRACTS TSD facilities list	0.5 (0.8)	Yes	No
Federal RCRA generators list	property and adjoining properties	Yes	No
Federal ERNS list	property only	Yes	No

22. Do any of the following state record systems list the property or any property within the search distance noted below:

Record System	Approximate Minimum Search Distance miles (kilometers)	Yes	No
State lists of hazardous waste sites identified for investigation or remediation:			
State — Equivalent NPL	1.0 (1.6)	Yes	No
State — Equivalent CERCLIS	0.5 (0.8)	Yes	No
State landfill and/or solid waste disposal site lists	0.5 (0.8)	Yes	No
State leaking UST lists	0.5 (0.8)	Yes	No
State registered UST lists	property and adjoining properties	Yes	No

23. Based upon a review of fire insurance maps 10.3.1.3 or consultation with the local fire department serving the property, all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property?

Yes No

The preparer of the transaction screen questionnaire must complete and sign the following. (For definition of "preparer" and "user," see 5.3 or 3.3.28.)

---

---

---

---

---

---

---

---

---

---

The Owner questionnaire was completed by:

Name Karen B. Speegle  
 Title owner  
 Firm  
 Address 4105 BAJO LN.  
 Powell, TN 37849



**Site at 9200 Block of Middlebrook Pike, Knoxville, TN - User Questionnaire:**

In order to qualify for one of the Landowner Liability Protections (LLP's) offered by the Small Business Liability Relief and Brownfield Revitalization Act of 2001, the user must provide the following information (if available) to the preparer. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

**1. Environmental cleanup liens that are filled or recorded against the property (40 CFR 312.25)**

Are you aware of any environmental cleanup liens against the property that are filled or recorded under federal, tribal, state or local law? **NO**

**2. Activity and land use limitations that are in place on the property or that have been filed or recorded in a registry (40 CFR 312.26)**

Are you aware of any landowner use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded in a registry under federal, tribal, state, or local laws? **NO**

**3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28)**

As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? **NO**

**4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29)**

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? **YES**

**5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30)**

Are you aware of any commonly known or reasonably ascertainable information about the property that would help the preparer to identify conditions indicative of release(s) or threatened release(s) For example, as user,

- a. Do you know the past uses of the property? **NO**
- b. Do you know the specific chemicals that are present or once were present at the property? **NO**
- c. Do you know of spills or other chemical releases that have taken place at the property? **NO**
- d. Do you know of any environmental cleanups that have taken place at the property? **NO**

**6. The degree of obviousness of the presence of likely presence of contamination at the property and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)**

As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property? **NO**

Completed by: JAMES GENTRY CHIEF MGR JRG DEV LLC  
Name Title Company

Date: 7-20-21